FilmL.A., Inc.
6255 W Sunset Blvd, 12th Floor
Hollywood, CA 90028
t: (213)977-8600 - f: (213)977-8601
www.filmla.com

Summary Information

Permit No: F00154347-A **Type of Permit:** FILMING **Release Date:** 07/25/2019

Production Company RIVETING ENTERTAINMENT

Insured Company Name RIVETING ENTERTAINMENT
Contact Phone No. 1 213-280-1268
Contact Phone No. 2
Fax
Address 6380 WILSHIRE BLVD, STE 1609
LOS ANGELES, California 90048

Production Title CHILL

Type of Production Music Video

Producer Kevin Boston

Director Daneil CZ

1st AD Jamar Hawkins

Production Manager ERICA NAGAI

FilmL.A. Coordinator Tara Kramer

Location Manager ERICA NAGAI
Primary Phone Mobile - 310-866-2960
Secondary Phone

Location Assistant na na
Primary Phone Mobile - 000-000-0000
Secondary Phone

Fees

Notification Charge	$1,789.00
FILMLA NON-REFUNDABLE FILM PERMIT RIDER FEE	$111.00
LA CITY FIRE SAFETY OFFICER	$864.00

Total Permit Fee $2,764.00

Number of Locations 4

NOT A PERMIT

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Summary Information — Location

Permit Number	F00154347-A	**Location Manager**	ERICA NAGAI
Production Company	RIVETING ENTERTAINMENT	Primary Phone	Mobile - 310-866-2960
Insured Company	RIVETING ENTERTAINMENT	Secondary Phone	
Production Title	CHILL		

Location Address	1360 E 6th St, Los Angeles, CA, 90021
Location Name	DC STAGES
Location Type	Stage
Location Description	NON-CERTIFIED STAGE.
Film Dates	7/26/2019 - 7/26/2019 09:00 - 04:00 1 day
Open or Closed to the Public	Closed
Generic Conditions	*Certain service and personnel fees required by jurisdictional agencies are not collected by FilmL.A. Any such fees must be paid directly to the appropriate agency, and a separate invoice will be provided to the permittee. *LAFD UFSO: Company must contact FilmL.A. for extension of the Uniformed Fire Safety Officers' hours. During normal business hours, UFSO must also inform the LAFD Film desk of the extension. All vehicles must be parked on private property FAA (UAS): Failure to adhere to any applicable limitations of UAS usage will result in immediate shutdown of UAS activity FAA (UAS): UAS may not be operated directly over any person, unless authorized by FAA FAA (UAS): UAS must be operated at an altitude of no more than 400' above ground level FAA (UAS): UAS operations may not be conducted during night (1/2 hour prior to sunrise, 1/2 hour after sunset). FAA: Company must notify Air Operations for LAPD (213-485-2600) and LAFD (818-756-8635) at least 1/2 hour prior to activity. FAA: LAPD Air Support Division has been notified by FILM LA of aerial activity Must Maintain 5' Clearance on Sidewalks/Walkways Must maintain local/emergency access No cast or crew parking on area streets No interference with merchant activity. No interference with vehicular or pedestrian traffic Notify LAPD Central Division (213) 486-6606 and comm. (213) 978-6552 1/2 hour prior to any gunfire, brandishing weapons, special effects or simulated emergency or criminal activity. Number of uniformed officers listed on the permit is a minimum requirement. Permittee remains responsible for deploying a sufficient number of uniformed officers to provide traffic and crowd control to ensure the safety of the film crew and

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Summary Information — Location

Permit Number	F00154347-A	**Location Manager**	ERICA NAGAI
Production Company	RIVETING ENTERTAINMENT	Primary Phone	Mobile - 310-866-2960
Insured Company	RIVETING ENTERTAINMENT	Secondary Phone	
Production Title	CHILL		

the public.
Uniformed officers shall have a copy of the film permit in their possession and are required to confirm that all traffic control signage devices are in place.

Please see attached documents
DRONE 6TH AND DC 1.pdf
07.26.19, LACOSSE, U28736, 1360 E. 6TH ST..pdf
Arts District Guidelines Revised April 29 2009.pdf

Equipment on Location

Type	Quantity
5 or 10 ton trucks	2
Cast/Crew vehicles	45
Catering Truck	1
Cube Trucks	2
Generator	1
Motor Homes	2
Picture vehicles	1
Vans	3

Personnel on Location

Type	Quantity
Cast	2
Crew	30
Extras	20
LA City UFSO assigned	1
Off-Duty/Retired LAPD Officer(s)	2

Filming Activities Aerial Photography with remote control aircraft. (UAS); Atmospheric Smoke Effects; Brandishing weapons (not in public view); Camera on sticks; Drive ups & away; Emergency vehicles with flashing lights; Equipment on property; Exterior establishing shots; Exterior models against scenery; Exterior music performance and amplified playback; Intermittent traffic control - 2 minutes standard; Talent in police uniforms; Wetdown; Will have a car exploding on the property.; Will have a drone for aerial shots on DC Stages property; Drone work and Pyro, 6pm-10pm;

Gunfire

Shot Type	Load Type	No. Takes Per Day	No. Times Per Take
Interior Single Shot	1/4 load	2 - 5	2 - 5

Special Effects:

Type	No. Times Per Day	No. Takes Per Take
Explosion	1	1
Fire Ball	1	1
Fire Bars	1	1
Smoke effects	2 - 5	2 - 5

Description of F/X Scene: CAR EXPLODING ON THE PROPERTY

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Summary Information — Location

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Production Company	RIVETING ENTERTAINMENT	Primary Phone	Mobile - 310-866-2960
Insured Company	RIVETING ENTERTAINMENT	Secondary Phone	
Production Title	CHILL		

Jurisdiction **Political:** Los Angeles City - Council District 14 **Police:** Los Angeles Police Department **Fire:** Los Angeles City

Thomas Guide **Page:** 634 **Grid:** H6

Location Notes NO POSTING FOR EQUIPMENT VEHICLES ON CONWAY PL., MATEO TO MILL. IT IS PRIVATE.

Approvals

LOS ANGELES CITY FIRE DEPARTMENT - FILM UNIT	Kanisha Leonard
LOS ANGELES CITY POLICE DEPARTMENT	Gabriel Aleman

Coordinator Note UFSO REQUIRED 7/26, 1700- 2359 HRS.
UFSO TO START AT 1360 E 6TH ST AND FOLLOW TO 6TH ST LOCATION, THEN CENTRAL AVE LOCATION AND THEN ALAMEDA ST LOCATION.
UFSO REQUIRED FOR DRONE AND FX.

Coordinator Note RIDER A RELEASES LOCATION

Parking

Base Camp
Location Type : Filming Location

Crew Parking
Location Type : Filming Location

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Summary Information — Location

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Production Company	RIVETING ENTERTAINMENT	Primary Phone	Mobile - 310-866-2960
Insured Company	RIVETING ENTERTAINMENT	Secondary Phone	
Production Title	CHILL		

Location Address 6th St., Mateo St- San Pedro St, Los Angeles, CA, 90021

Location Type Street

Film Dates 7/26/2019 - 7/26/2019 09:00 - 04:00 1 day

Open or Closed to the Public Open

Generic Conditions

*Certain service and personnel fees required by jurisdictional agencies are not collected by FilmL.A. Any such fees must be paid directly to the appropriate agency, and a separate invoice will be provided to the permittee.
*LAFD UFSO: Company must contact FilmL.A. for extension of the Uniformed Fire Safety Officers' hours. During normal business hours, UFSO must also inform the LAFD Film desk of the extension.
FAA (UAS): Failure to adhere to any applicable limitations of UAS usage will result in immediate shutdown of UAS activity
FAA (UAS): UAS may not be operated directly over any person, unless authorized by FAA
FAA (UAS): UAS must be operated at an altitude of no more than 400' above ground level
FAA (UAS): UAS operations may not be conducted during night (1/2 hour prior to sunrise, 1/2 hour after sunset).
FAA (UAS): UAS Operator must conform with all FAA Regulations
FAA: Company must notify Air Operations for LAPD (213-485-2600) and LAFD (818-756-8635) at least 1/2 hour prior to activity.
FAA: LAPD Air Support Division has been notified by FILM LA of aerial activity
Must comply with attached conditions
Must Maintain 5' Clearance on Sidewalks/Walkways
Must maintain local/emergency access
No cast or crew parking on area streets
No interference with merchant activity.
Notify LAPD Central Division (213) 486-6606 and comm. (213) 978-6552 1/2 hour prior to any gunfire, brandishing weapons, special effects or simulated emergency or criminal activity.
Number of uniformed officers listed on the permit is a minimum requirement. Permittee remains responsible for deploying a sufficient number of uniformed officers to provide traffic and crowd control to ensure the safety of the film crew and the public.
Traffic control must be done in accordance w/MUTCD
Traffic Officers Required
Uniformed officers shall have a copy of the film permit in their possession and are required to confirm that all traffic control signage devices are in place.

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Summary Information — Location

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Production Company	RIVETING ENTERTAINMENT	Primary Phone	Mobile - 310-866-2960
Insured Company	RIVETING ENTERTAINMENT	Secondary Phone	
Production Title	CHILL		

Please see attached documents
DRONE 6TH AND DC 1.pdf
Arts District Guidelines Revised April 29 2009.pdf
Downtown Filming Guildelines 2010.03.01.pdf

Equipment on Location

Type	Quantity
Camera cars	1
Picture vehicles	2
Vans	2

Personnel on Location

Type	Quantity
Cast	2
Crew	13
LA City UFSO assigned	1
Off-Duty/Retired LAPD Officer(s)	2

Filming Activities
Aerial Photography with remote control aircraft. (UAS); Camera in car; Camera on sticks; Car-to-Car; Drive by; Drive ups & away; Driving shots; Driving shots with the flow of traffic; Emergency vehicles with flashing lights; Equipment on sidewalk only.; Exterior establishing shots; Exterior models against scenery; Handheld equipment; Intermittent traffic control - 2 minutes standard; Talent in police uniforms; Police picture car (with actors in police uniforms) following talent car. Drone above getting aerial shots.; ITC & Drone shots will be done from 7pm-10pm;

Jurisdiction
Political: Los Angeles City - Council District 14
Police: Los Angeles Police Department
Fire: Los Angeles City

Approvals

LOS ANGELES CITY FIRE DEPARTMENT - FILM UNIT	Kanisha Leonard
LOS ANGELES CITY POLICE DEPARTMENT	Vincent Aguirre

Coordinator Note
UFSO REQUIRED 7/26, 1700- 2359 HRS.
UFSO TO START AT 1360 E 6TH ST AND FOLLOW TO 6TH ST LOCATION, THEN CENTRAL AVE LOCATION AND THEN ALAMEDA ST LOCATION.
UFSO REQUIRED FOR DRONE AND FX.

Coordinator Note
RIDER A RELEASES LOCATION

Parking

Base Camp	DC STAGES	**Crew Parking**	DC STAGES
Location Type : Other Location	1360 E 6th St, Los Angeles, CA, 90021	Location Type : Other Location	1360 E 6th St, Los Angeles, CA, 90021

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Summary Information — Location

Permit Number	F00154347-A	**Location Manager**	ERICA NAGAI
Production Company	RIVETING ENTERTAINMENT	Primary Phone	Mobile - 310-866-2960
Insured Company	RIVETING ENTERTAINMENT	Secondary Phone	
Production Title	CHILL		

Location Address S Central Ave., E 4th St- Olympic Blvd, Los Angeles, CA, 90021

Location Type Street

Film Dates 7/26/2019 - 7/26/2019 09:00 - 04:00 1 day

Open or Closed to the Public Open

Generic Conditions

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FAA (UAS): UAS must be operated at an altitude of no more than 400' above ground level
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FAA: Company must notify Air Operations for LAPD (213-485-2600) and LAFD (818-756-8635) at least 1/2 hour prior to activity.
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Traffic Officers Required
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Summary Information — Location

Permit Number	F00154347-A	**Location Manager**	ERICA NAGAI
Production Company	RIVETING ENTERTAINMENT	Primary Phone	Mobile - 310-866-2960
Insured Company	RIVETING ENTERTAINMENT	Secondary Phone	
Production Title	CHILL		

Please see attached documents DRONE ALAMEDA AND CENTRAL 1.pdf
Downtown Filming Guildelines 2010.03.01.pdf

Equipment on Location

Type	Quantity
Camera cars	1
Picture vehicles	2
Vans	2

Personnel on Location

Type	Quantity
Cast	4
Crew	11
LA City UFSO assigned	1
Off-Duty/Retired LAPD Officer(s)	2

Filming Activities Aerial Photography with remote control aircraft. (UAS); Camera in car; Camera on sticks; Car-to-Car; Drive by; Drive ups & away; Driving shots; Driving shots with the flow of traffic; Emergency vehicles with flashing lights; Equipment on sidewalk only.; Exterior establishing shots; Handheld equipment; Intermittent traffic control - 2 minutes standard; Talent in police uniforms; Scene is 2 police cars with actors in police uniform following talent in his picture car; ITC & Drone shots will be done from 7pm-10pm;

Jurisdiction **Political:** Los Angeles City - Council District 14 **Police:** Los Angeles Police Department **Fire:** Los Angeles City

Thomas Guide **Page:** 634 **Grid:** G5

Approvals

LOS ANGELES CITY FIRE DEPARTMENT - FILM UNIT	Kanisha Leonard
LOS ANGELES CITY POLICE DEPARTMENT	Vincent Aguirre

Coordinator Note UFSO REQUIRED 7/26, 1700- 2359 HRS.
UFSO TO START AT 1360 E 6TH ST AND FOLLOW TO 6TH ST LOCATION, THEN CENTRAL AVE LOCATION AND THEN ALAMEDA ST LOCATION.
UFSO REQUIRED FOR DRONE AND FX.

Coordinator Note RIDER A RELEASES LOCATION

Parking

Base Camp	DC STAGES	**Crew Parking**	DC STAGES
Location Type :	1360 E 6th St, Los	Location Type :	1360 E 6th St, Los
Other Location	Angeles, CA, 90021	Other Location	Angeles, CA, 90021

NOT A PERMIT

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Summary Information — Location

Permit Number	F00154347-A	**Location Manager**	ERICA NAGAI
Production Company	RIVETING ENTERTAINMENT	Primary Phone	Mobile - 310-866-2960
Insured Company	RIVETING ENTERTAINMENT	Secondary Phone	
Production Title	CHILL		

Location Address S Alameda St., E 4th St- Olympic Blvd, Los Angeles, CA, 90021

Location Type Street

Film Dates 7/26/2019 - 7/26/2019 09:00 - 04:00 1 day

Open or Closed to the Public Open

Generic Conditions

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FAA (UAS): UAS may not be operated directly over any person, unless authorized by FAA
FAA (UAS): UAS must be operated at an altitude of no more than 400' above ground level
FAA (UAS): UAS operations may not be conducted during night (1/2 hour prior to sunrise, 1/2 hour after sunset).
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Insured Company	RIVETING ENTERTAINMENT	Secondary Phone	
Production Title	CHILL		

Please see attached documents
DRONE ALAMEDA AND CENTRAL 1.pdf
Arts District Guidelines Revised April 29 2009.pdf
Downtown Filming Guildelines 2010.03.01.pdf

Equipment on Location

Type	Quantity
Camera cars	1
Picture vehicles	2
Vans	1

Personnel on Location

Type	Quantity
Cast	4
Crew	11
LA City UFSO assigned	1
Off-Duty/Retired LAPD Officer(s)	2

Filming Activities
Aerial Photography with remote control aircraft. (UAS); Camera in car; Camera on sticks; Car-to-Car; Drive by; Drive ups & away; Driving shots; Driving shots with the flow of traffic; Emergency vehicles with flashing lights; Equipment on sidewalk only.; Exterior establishing shots; Exterior models against scenery; Handheld equipment; Intermittent traffic control - 2 minutes standard; Talent in police uniforms; Scene is 2 picture police cars with actors in police uniform, following talent in picture car. ; ITC & Drone shots will be done from 7pm-10pm;

Jurisdiction
Political: Los Angeles City - Council District 14
Police: Los Angeles Police Department
Fire: Los Angeles City

Approvals

LOS ANGELES CITY POLICE DEPARTMENT	Vincent Aguirre
LOS ANGELES CITY FIRE DEPARTMENT - FILM UNIT	Kanisha Leonard

Coordinator Note
UFSO REQUIRED 7/26, 1700- 2359 HRS.
UFSO TO START AT 1360 E 6TH ST AND FOLLOW TO 6TH ST LOCATION, THEN CENTRAL AVE LOCATION AND THEN ALAMEDA ST LOCATION.
UFSO REQUIRED FOR DRONE AND FX.

Coordinator Note
RIDER A RELEASES LOCATION

Parking

Base Camp	DC STAGES	**Crew Parking**	DC STAGES
Location Type : Other Location	1360 E 6th St, Los Angeles, CA, 90021	Location Type : Other Location	1360 E 6th St, Los Angeles, CA, 90021

NOT A PERMIT

Permit #F00154347-A

FilmL.A. Inc. UAS QUESTIONNAIRE

(FOR MORE THAN 2 LOCATIONS, PLEASE USE AN ADDITIONAL FORM)

FilmL.A. Permit #: F00154347

Film Date: 26/07/19

Production Title: CHILL

Production Company: Riveting Entertainment

Hours of UAS Activity: 5pm- 12am

Location Address: E 6th St., Mateo St- San Pedro St

Hours of UAS Activity: 5pm-12am

Location Address #2: 1360 E. 6th Street, Los Angeles, CA 90021

UAS Company Name: Ryan Keller DBA Rlk edits

UAS ON LOCATION INFORMATION

UAS Make & Model: DJI Inspire 2 X7

UAS "N" # or registration #: FA3EPEWWFP

UAS Make & Model:

UAS "N" # or registration #:

Class of Airspace that activity will occur in: ☐ B ☐ C ☐ D ☐ E ☑ G

REMINDER: IF YOU ARE FLYING IN CLASS B, C, D, OR E AIRSPACE, ATC AUTHORIZATION IS REQUIRED FOR ALL UAS ACTIVITY.

UAS PILOT WILL BE OPERATING UNDER: ☐ 333 EXEMPTION ☑ PART 107

333 EXEMPTION REQUIREMENTS

Name of Pilot in Command:

Pilot's Phone #:

Name of Visual Observer:

Visual Observer's Phone #:

PLEASE PROVIDE THE FOLLOWING:

- Copy of COA or Blanket COA
- Copy of POA with proof of submission to local FSDO
- Copy of Pilot's License

PART 107 REQUIREMENTS

Name of Remote Pilot: Ryan L Keller

Certificate #: 4007238

Remote Pilot Phone #: 8052599615

Visual Observer: ☑ YES ☐ NO

PLEASE PROVIDE THE FOLLOWING:

- Copy of Remote Pilot's Certificate
- Copy of Part 47 Registration Certificate for each UAS listed
- Description of Planned Operations

WAIVERS

If you are requesting any of the following activity, please check all that apply and furnish proof of waiver from the FAA upon submission of this document to FilmL.A.

☐ Flight over non-participants (§107.39)
☐ Flight altitude restrictions (§107.51)
☑ Night Flight (§107.29)
☐ Operating from a moving vehicle (§107.25)
☐ Operating multiple small UAS' (§107.35)

FILMLA. USE ONLY

333 EXEMPTION

☐ INSURANCE ☐ PILOT'S LICENSE
☐ COA ☐ POA
☐ 315 TO LAFD ☐ VISUAL OBSERVER

PART 107 CERTIFICATE

☐ INSURANCE ☐ WAIVERS
☐ 315 TO LAFD ☐ DESCRIPTION OF OPS.
☐ REMOTE PILOT CERTIFICATE ☐ ATC COORDINATOR NOTE
☐ UAS REGISTRATION CERTIFICATE(S)

NOT A PERMIT

Permit #F00154347-A

I UNITED STATES OF AMERICA XI

DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME
RYAN LLOYD KELLER

V ADDRESS 1482 E VALLEY RD STE 400
SANTA BARBARA CA 93108-1200

U

VI NATIONALITY USA

SEX	HEIGHT	WEIGHT	HAIR	EYES
M	73	180	BLOND	BLUE

IVa D.O.B. 21 JUN 1990

A

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II REMOTE PILOT

III CERTIFICATE NUMBER 4007238

X DATE OF ISSUE 20 MAY 2017

S

XIV

VIII ADMINISTRATOR

U.S. DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration
Airman Knowledge Test Report

NAME: KELLER, RYAN LLOYD
APPLICANT ID: 06211990 **EXAM ID:** 50053020195936823
EXAM: Unmanned Aircraft - Recurrent (UGR)
EXAM DATE: 05/30/2019 **EXAM SITE:** LAS91404
SCORE: 88% **GRADE:** PASS **TAKE:** 2

Learning statement codes listed below represent incorrectly answered questions. Learning statement codes and their associated statements can be found at **www.faa.gov/training_testing/testing/media/LearningStatementReferenceGuide.pdf**.

Reference material associated with the learning statement codes can be found in the appropriate knowledge test guide at **www.faa.gov/training_testing/testing/test_guides**.

A single code may represent more than one incorrect response.
PLT040 PLT141 PLT208 PLT393

(emboss)

EXPIRATION DATE: 05/31/2021

DO NOT LOSE THIS REPORT

AUTHORIZED INSTRUCTOR'S STATEMENT: (if applicable)
*On*_____(date) I gave the above named applicant _____ hours of additional instruction, covering each subject area shown to be deficient, and consider the applicant competent to pass the test.

Name _____ Initial _____ Cert. No. _____ Type _____
(*print clearly*)

Signature _____

FRAUDULENT ALTERATION OF THIS FORM BY ANY PERSON IS A BASIS FOR SUSPENSION OR REVOCATION OF ANY CERTIFICATES OR RATINGS HELD BY THAT PERSON.

ISSUED BY: PSI Services LLC
FEDERAL AVIATION ADMINISTRATION
THIS INFORMATION IS PROTECTED BY THE PRIVACY ACT. FOR OFFICIAL USE ONLY.

NO PERMIT

Small UAS Certificate of Registration

Name: Ryan Keller

Manufacturer: DJI

Model: Inspire 2 X7

Serial Number: 09YDF3UL040305

Certificate Number: FA3EPEWWFP

Issued: 10/11/2018 Expires: 10/11/2021

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

Operators of unmanned aircraft must ensure they comply with the appropriate safety authority from the FAA and economic authority from the DOT. To operate as a recreational flyer, a person must meet all of the statutory conditions of the exception for limited recreational operations of unmanned aircraft (49 U.S.C. 44809). Persons who do not meet any of the statutory conditions may not operate under the statutory exception for limited recreational operations of unmanned aircraft and would need to operate the unmanned aircraft under part 107 or any other applicable FAA authority.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas.

NOT A PERMIT

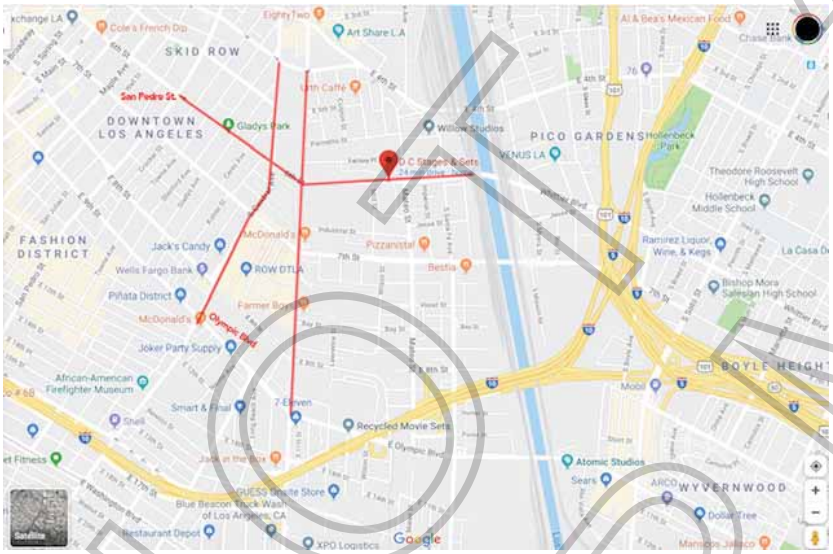
Permit #F00154347-A

RYAN KELLER | RIVETING ENTERTAINMENT

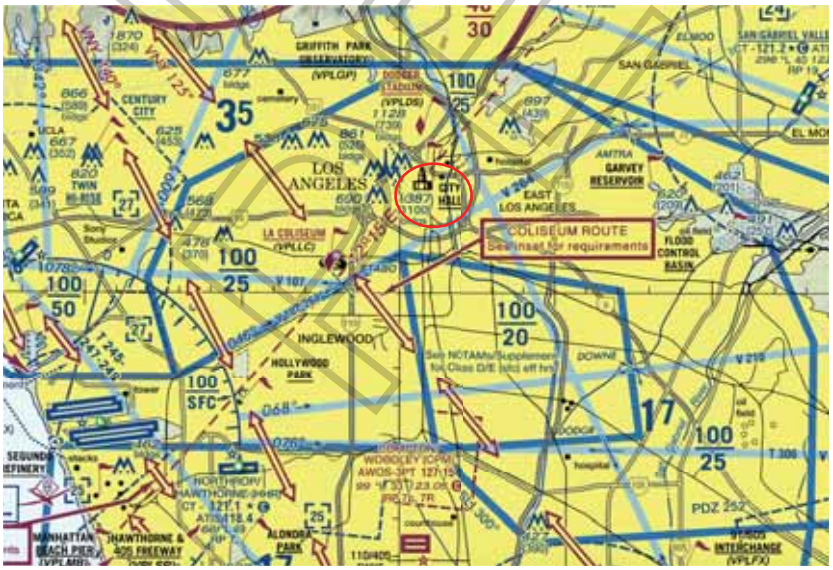
PLAN OF ACTION / FLIGHT PLAN

OBJECTIVE:

To capture aerial video, as directed by the client, in downtown Los Angeles at the highlighted locations below (DC Stages & Sets & Red highlighted roads). This document will illustrate our plans to carry out commercial drone operations in this area during the day and at night that can meet and exceed FAA standard operating procedures. During the production the RPIC (Ryan Keller) & RIVETING ENTERTAINMENT staff will be responsible for crowd control and informing bystanders of the production activity.



According to the FAA sectional chart below in the red circle (which is where we intend to shot) we will be operating in class G airspace. In order to inform pilots of our planned operations we will submit our flight path to AIRMAP and file a NOTAM or Notice To Airmen. We do this through 1800wxbrief which is an online preflight resource available to all pilots operating in the NAS.



INTERNAL

FILING THE FLIGHT PLAN: NOTICE TO AIRMEN

AIRMAP

1800wxbrief Information Provided

- Date and time for our flight : July 26th, 2019 at 5:00pm - Midnight
- Location with 1 Nautical Mile Radius of the AO (Area of Operations)
- Max Altitude of flights: 400 ft
- Aircraft ID# FA3EPEWWFP

NO PERMIT

With NOTAMs we show up on their flight service website as purple points on the map and our areas of operations are shaded informing pilots flying in the local airspace of commercial drone operations.

There are no active heliports within this flight area but our VOs will monitor air traffic using the Plane Finder app as well as scan the surrounding sky while our operations are taking place (as mentioned in 107.39 Daylight Waiver.

UAS & SENSORS

We will be operating the DJI Inspire 2 with the X7 gimbal with the 16mm, 34mm, & 50mm lens.

Flight Mission Brief:

- Date | Time | Duration: 7/24/19 | 1700 | 7 hours
- Objective: Film aerial video for a music video. There are two specific shots.
- Max Altitude: 400 ft
- Operating Altitude: 50 - 250 ft
- Orbit Radius: 0.8 NM

NOT A PERMIT

Shot 1:

Location: 1360 E 6th St, Los Angeles, CA 90021 DC Stages Parking Lot
Site Map & Description: We will be getting a birds eye view showing a car below with a small "explosion".
Drone Height: 100-200ft with 16mm lens

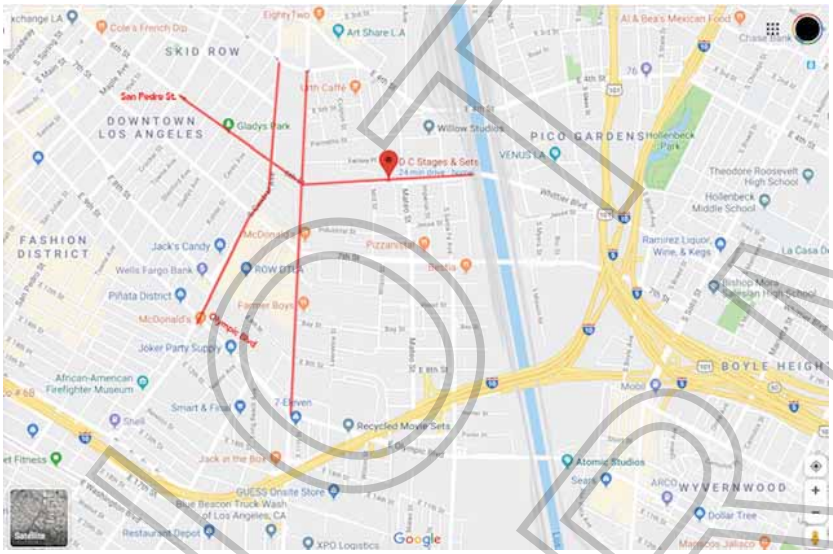
Blue Circles represent take off and landing locations.

Green dashed arrow represents the flight path of the UAS above the car that will have the small explosion that we will be capturing.

NOT A PERMIT

Shot 2:

Location: San Pedro St, S Alameda St, S Central Ave
Site Map & Description: We will be getting a car chase shot similar to the photo below, where the show cars will be driving on the listed roads (permitted) and the RPIC and VOs will be situated in the surrounding area within VLOS.
Drone Height: 50-200ft with 34mm, 50mm lens



Operations At Night

After civil twilight the RPIC and VOs will be operating under a Part 107.29 Daylight Operation Waiver (Waiver Number: 107W-2018-1599). This will be between 8:30pm-12am.

APPROVED

RYAN KELLER | RIVETING ENTERTAINMENT

Please see the attachment for supporting documents. The RPIC will direct the UAS team accordingly as laid out within this waiver.

NO PERMIT

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER

Issued To: Ryan Keller
Responsible Party: Ryan Keller
Waiver Number: 107W-2018-15999

Address:
11657 Chenault St Apt 303
Los Angeles, CA 90049

This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.

OPERATIONS AUTHORIZED

Night small unmanned aircraft system (sUAS) operations.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

14 CFR § 107.29—Daylight operation

STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached to and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Administrator of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
4. This certificate is nontransferable.

NOTE—This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.

SPECIAL PROVISIONS

Special Provisions Nos. 1 to 10, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from October 10, 2018, to October 31, 2022, and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

General Aviation and Commercial Division, AFS–800

RYAN KELLER | RIVETING ENTERTAINMENT

Ryan Keller
Ryan Keller
11657 Chenault Street, Apartment 303
Los Angeles, CA 90049

Waiver No. 107W-2018-15999

Dear Ryan Keller,

Attached is your Certificate of Waiver (CoW). The certificate is issued for operations specific to small unmanned aircraft system operations governed by Title 14, Code of Federal Regulations (14 CFR) part 107. Please carefully read and comply with all provisions of the attached waiver. You are only granted relief from § 107.29; please be aware of your responsibility to comply with all other sections of 14 CFR part 107.

We only evaluated your application for a waiver to § 107.29. We did not evaluate your application for compliance with any other Federal Aviation Regulation.

If you submitted an operations manual as part of your application for waiver, please note the FAA only reviewed the excerpt(s) from your manual that you cited to address the safety of your proposed operation. The FAA determined these excerpt(s), combined with other information you submitted and pursuant to your compliance with the provisions listed on the enclosed waiver, establish that you can conduct the limited operations this waiver will permit in a safe manner. The FAA's review of the excerpt(s) in the context of your specific request for a waiver does not constitute FAA approval or acceptance of the manual you provided.

Operations under this CoW must be conducted in uncontrolled airspace (Class G). If you wish to operate in controlled airspace at night, you must apply separately for a new airspace authorization or waiver in accordance with § 107.41 by visiting https://faadronezone.faa.gov/. Reference your § 107.29 waiver number in the request and indicate you would like to operate at night. To operate in controlled airspace at night, you must possess both a waiver to § 107.29 and an airspace Certificate of Authorization or Waiver that specifies night operations may be conducted in controlled airspace.

Any questions pertaining to your airspace request can be addressed to AJV-115 at 9-ajv-115-emergtech@faa.gov.

Submit questions pertaining to your waiver to AFS-800 at 9-AFS-800-Part107Waivers@faa.gov. Please reference your waiver number in all communications.

If you require an amendment to your Certificate of Waiver, please make the request through https://faadronezone.faa.gov/; please remember to reference your waiver number. Please note that your CoW has an expiration date and will no longer be effective after that date.

Sincerely,
Part 107 Waiver Team
General Aviation and Commercial Division

NOT A PERMIT

F-315-U

LOS ANGELES FIRE DEPARTMENT

Permit #F00154347-A

Permit No: 28736

Date Issue 7/25/2019

SPECIAL PERMIT TO USE SPECIAL EFFECTS

State Lic No 2633.06

Name:	LACOSSE, BOYD	Address:	1430 clybourn ave	Phone:	(818) 566-4100
Company:		City:	burbank	Mobile:	
Email:		State:	ca Zip: 91505	Fax:	(818) 566-4170

2nd Operator: 3295.08 simon white

Production Title: FUTURE Production Company: RIVETING ENTERTAINMENT

Location: 1360 E. 6TH ST.

PERMISSION IS HEREBY GRANTED TO SIMULATE:

GUTTED AND NO FUEL, NO AIRBAGS, PANEL VAN SIMULATED EXPLOSION WITH 3 PROPANE POPPERS ONE TAKE. NO MINORS AND NO ONE WITHIN 50FT. ONE FIREBAR FOR PERFORMANCE SHOTS FOLLOWING EXPLOSION.

USING THE FOLLOWING SPECIAL EFFECTS MATERIAL:

2 - 5 GALLON PROPANE TANKS
3 - 16 OZ PROPANE TANKS
5 - SD70-4
6 - OSC
3 - FLASHBAGS
3 - HANDWRAPS

UNDER THE FOLLOWING CONDITIONS:

UNDER THE DIRECT SUPERVISION OF LACOSSE, BOYD, 2633.06 AND UFSO REQUIRED, FILMLA PERMIT# 154347, GENERAL PRECAUITIONS AGAINST FIRE/INJURY, 2-C02 & 2-H20 FIRE EXT.

ADDITIONAL TERMS AND CONDITIONS

992.6 HSC RESPONSIBILITY. The Company representative shall provide to the authority having jurisdiction the name and license number of the special effects operator who shall have the authority, responsibility and be in charge of handling all Special Effects Material. The company representative shall also allocate sufficient time to the Special Effects Pyrotechnic Operator to prepare for the transportation, parking, storing, securing daily, discharging, disposing of, or otherwise handling of fireworks, pyrotechnic devices, or materials in a sane manner. Upon completion of firing, no unauthorized person shall be permitted access to the firing area until the licensed pyrotechnic operator has determined the area to be safe and secure.

NOTICE: The permittee and production company shall be advised that this permit in no way removes or modifies their responsibility to comply with any other applicable laws or ordinances, including those relating to excessive noise.

57.105.8 THE CHIEF SHALL HAVE THE POWER TO REVOKE OR SUSPEND ANY SPECIAL PERMIT UPON VIOLATION OF THE TERMS AND CONDITIONS IN ACCORDANCE WITH PROVISIONS OF SECTION 57.105.5 OF THE LOS ANGELES MUNICIPAL CODE.

SUBJECT TO FIELD INSPECTION NO DEVIATION WITHOUT WRITTEN PERMISSION

TEMPORARY FROM

7/26/2019 TO

Fire Chief
By: ANDERSON
Phone: 213 978-3670

NOT A PERMIT

lafd:rev 2/2017

SPECIAL FILMING CONDITIONS
THE ARTS DISTRICT

The Special Film Conditions described below will be included in the terms and conditions of permits issued for filming in this area and are in addition to the standard terms and conditions applicable to filming permits generally. While these Special Filming Conditions will be included as terms if a permit for filming in this are is issued, they are not intended to, and do not, establish the criteria or standards for determining whether or not a particular permit(s) will be issued for this area. The decision whether or not a particular permit(s) will be issued is vested in the discretion of the appropriate City or County department or their designees (including FilmL.A.), to be exercised consistent with public health, safety and general welfare, and applicable land-use ordinances.

This is a mixed-use area that includes manufacturing facilities, warehouses, artists/artisans and residents. These Special Conditions apply to the area roughly between 1st Street and 7th Street and between Alameda Avenue and the LA River. Within the past ten years, this area has experienced an influx of permanent residents into what was predominantly a light to heavy manufacturing zone for over 75 years.

The motion picture industry has amicably co-existed with the businesses and residents of this area for decades and desires to continue to do so. These Conditions are designed to promote cooperation between film companies, local businesses and residents so that each group can effectively utilize this diverse area. Violation of any of the conditions as outlined below may result in permit revocation or other administrative action.

- Affected residents/merchants and businesses must be notified at least two days in advance of the first day of filming or the first day of any substantial set preparation for productions that:
  - Request parking restrictions on the following public streets: Traction Avenue, East 2nd Street (except Alameda Street to Garey Street), East 3rd Street, Vignes Street, Molino Street (Palmetto Street to 4th Street only)
  - Request a street closure
  - Involve any special effects, gunfire, audible playback, helicopter activity, or other disruptive activities
  - FilmL.A. or the production company shall consult a designated community representative when an applicant requests a permit with less than two days notice under the above circumstances
- Posting on more than one side of Traction Avenue, East 2nd Street (except Alameda to Garey), East 3rd Street (except Vignes to Santa Fe), Vignes Street, Molino from 4th Street to Palmetto, Hewitt from Palmetto to 4th Street, 4t Street from Colyton to Molino requires a notification to a designated person in the building where alternate parking is not provided. Posting on both sides of the above streets is allowed without signatures on Sundays.
- When "No Parking" signs are posted on both sides of Hewitt between 4th Street and Traction Avenue, Art Share (213-687-4278) and Bedlam (213-909-1512) must be notified.
- Posting for equipment and/or picture, other than the streets listed above, will be reviewed on a street by street basis and may not exceed 450 linear feet. Additional posting may be granted if there is a majority of support from affected residents/businesses/merchants, and indicated on the permit. After filming is completed, companies are requested, as a courtesy (only LADOT is to touch the posting signs), to turn all "No Parking" signs around so that they face the opposite direction.

NOT A PERMIT

- Companies must provide adequate detour and directional signage when street closures are in place, conforming as much as possible to current LADOT standards and practices. Detour routes must accommodate large, semi and tractor trailer trucks.

- The Arts District is home to many art gallery openings and live, local theater. When the following locations are directly impacted, notification is required if in conflict with a scheduled event at the Downtown Playhouse (929 E. 2nd Street 213-626-6909) and Art Share LA (801 E. 4th Place 213-687-4278).

- Productions filming near residential buildings after midnight or before 6:00am are required to notify designated representatives of the proposed activity. Contact information for building representatives will be made available on request from the community filming liaison (Jonathan Jerald 213-814-7164).

- Crew with walkie-talkies must wear headsets when filming after 12:00 am and before 6:00 am.

- Changeable Message Signs (CMS) will be required on the day(s) of filming activity that requires a full closure on the 1st, 4th and 6th Street Bridges. CalTrans/LADOT approved notification signs are sufficient and must be in place in advance of filming activity and must include the dates and times of closures.

- Cast/Crew are not permitted to park on the area streets. Off-street parking must be provided for personal vehicles.

- Generators are to be placed as far away from residential buildings as possible. Placement will be considered on a case-by-case basis.

- Production companies are required to completely remove all trash, food, cardboard boxes, etc. from the general vicinity at the end of each filming day. Production companies will be held responsible for the actions of the catering companies they employ to provide food for the cast and crew.

- Food should not be given directly to the homeless persons in the area. Production companies wishing to help the homeless should do so though one of the service providers in the downtown area.

- FilmL.A will monitor frequency and look for ways to mitigate the impacts of filming prior to placing a location off limits.

- Unless a signature survey is completed, the west side of Mateo Street between 4th Place and Palmetto Street must be kept clear of equipment, vehicles, condors and lights. This area, however, may be used for camera placement between the hours of 7:00 am and 10:00 pm only.

- When filming take place after 10:00 pm or before 7:00 am, generators are to be placed as far as possible away from residential buildings and lights are to be screened to avoid disturbing nearby residents.

- The Molino Loft buildings (500 and 530 Molino Street) and Marc Free should be notified (310-871-2652) for filming activity or parking restrictions along 4th Place between Molino and Mateo [the curve].

NOT A PERMIT

- Due to the mixed use nature of the neighborhood, productions wishing to utilize space along the west side of Santa Fe Ave. between 2nd and 3rd Streets and the north side of 3rd Street from Santa Fe Avenue to west 100 feet must obtain a signature from Valerie Mitchell or designated representative (213-687-3987).

- Frequent filming in the area of Vignes and 2nd Streets along with the high demand for parking in the area requires that posted "No Parking" on Vignes Street between 1st Street and 2nd Street shall be limited to no more than 200 feet, unless alternate parking or notification are provided to a designated representative from the building.

- The area near 3rd and Traction Avenue is home to many small businesses that have greatly helped to develop the area. In order to be sensitive to these businesses it is necessary for production companies to obtain signatures from the following businesses when there are filming activities or parking on the 700 block of 3rd Street between Traction Avenue and Hewitt Street: Zip Fusion- Jason Ha (744 E. 3rd Street, 213-680-3770); Lakich Studio-Lily Lakich (704 Traction Avenue, 213-620-8641); Ay Carrumba (714 Traction Avenue, 213-620-0274); Wurstkuche Sausage Grill- Joseph Petruzulli (800 E 3rd St, 213-667-4444); Blue Dahlia (738 E 3rd St, 213 613-0621)

- Outdoor food preparation using charcoal or gas grills must be at least 100 feet away from any residential building.

NOT A PERMIT

Permit #F00154347-A

FilmL.A. Inc. UAS QUESTIONNAIRE

(FOR MORE THAN 2 LOCATIONS, PLEASE USE AN ADDITIONAL FORM)

FilmL.A. Permit #: F00154347

Film Date: 26/07/19

Production Title: CHILL

Production Company: Riveting Entertainment

Hours of UAS Activity: 5pm- 12am

Location Address: E 6th St., Mateo St- San Pedro St

Hours of UAS Activity: 5pm-12am

Location Address #2: 1360 E. 6th Street, Los Angeles, CA 90021

UAS Company Name: Ryan Keller DBA Rlk edits

UAS ON LOCATION INFORMATION

UAS Make & Model: DJI Inspire 2 X7

UAS "N" # or registration #: FA3EPEWWFP

UAS Make & Model:

UAS "N" # or registration #:

Class of Airspace that activity will occur in: ☐ B ☐ C ☐ D ☐ E ☑ G

REMINDER: IF YOU ARE FLYING IN CLASS B, C, D, OR E AIRSPACE, ATC AUTHORIZATION IS REQUIRED FOR ALL UAS ACTIVITY.

UAS PILOT WILL BE OPERATING UNDER: ☐ 333 EXEMPTION ☑ PART 107

333 EXEMPTION REQUIREMENTS

Name of Pilot in Command:

Pilot's Phone #:

Name of Visual Observer:

Visual Observer's Phone #:

PLEASE PROVIDE THE FOLLOWING:

- Copy of COA or Blanket COA
- Copy of POA with proof of submission to local FSDO
- Copy of Pilot's License

PART 107 REQUIREMENTS

Name of Remote Pilot: Ryan L Keller

Certificate #: 4007238

Remote Pilot Phone #: 8052599615

Visual Observer: ☑ YES ☐ NO

PLEASE PROVIDE THE FOLLOWING:

- Copy of Remote Pilot's Certificate
- Copy of Part 47 Registration Certificate for each UAS listed
- Description of Planned Operations

WAIVERS

If you are requesting any of the following activity, please check all that apply and furnish proof of waiver from the FAA upon submission of this document to FilmL.A.

☐ Flight over non-participants (§107.39)
☐ Flight altitude restrictions (§107.51)
☑ Night Flight (§107.29)
☐ Operating from a moving vehicle (§107.25)
☐ Operating multiple small UAS' (§107.35)

FILMLA. USE ONLY

333 EXEMPTION

☐ INSURANCE ☐ PILOT'S LICENSE
☐ COA ☐ POA
☐ 315 TO LAFD ☐ VISUAL OBSERVER

PART 107 CERTIFICATE

☐ INSURANCE ☐ WAIVERS
☐ 315 TO LAFD ☐ DESCRIPTION OF OPS.
☐ REMOTE PILOT CERTIFICATE ☐ ATC COORDINATOR NOTE
☐ UAS REGISTRATION CERTIFICATE(S)

NOT A PERMIT

Permit #F00154347-A

I UNITED STATES OF AMERICA XI

DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME
RYAN LLOYD KELLER

V ADDRESS 1482 E VALLEY RD STE 400
SANTA BARBARA CA 93108-1200

U

VI NATIONALITY USA

SEX	HEIGHT	WEIGHT	HAIR	EYES
M	73	180	BLOND	BLUE

IVa D.O.B. 21 JUN 1990

A

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II REMOTE PILOT

III CERTIFICATE NUMBER 4007238

X DATE OF ISSUE 20 MAY 2017

S

XIV

VIII ADMINISTRATOR

U.S. DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration
Airman Knowledge Test Report

NAME: KELLER, RYAN LLOYD
APPLICANT ID: 06211990 **EXAM ID:** 50053020195936823
EXAM: Unmanned Aircraft - Recurrent (UGR)
EXAM DATE: 05/30/2019 **EXAM SITE:** LAS91404
SCORE: 88% **GRADE:** PASS **TAKE:** 2

Learning statement codes listed below represent incorrectly answered questions. Learning statement codes and their associated statements can be found at **www.faa.gov/training_testing/testing/media/LearningStatementReferenceGuide.pdf**.

Reference material associated with the learning statement codes can be found in the appropriate knowledge test guide at **www.faa.gov/training_testing/testing/test_guides**.

A single code may represent more than one incorrect response.
PLT040 PLT141 PLT208 PLT393

(emboss)

EXPIRATION DATE: 05/31/2021

DO NOT LOSE THIS REPORT

AUTHORIZED INSTRUCTOR'S STATEMENT: (if applicable)
*On*_____(date) I gave the above named applicant _____ hours of additional instruction, covering each subject area shown to be deficient, and consider the applicant competent to pass the test.

Name _____ Initial _____ Cert. No. _____ Type _____
(*print clearly*)

Signature _____

FRAUDULENT ALTERATION OF THIS FORM BY ANY PERSON IS A BASIS FOR SUSPENSION OR REVOCATION OF ANY CERTIFICATES OR RATINGS HELD BY THAT PERSON.

ISSUED BY: PSI Services LLC
FEDERAL AVIATION ADMINISTRATION
THIS INFORMATION IS PROTECTED BY THE PRIVACY ACT. FOR OFFICIAL USE ONLY.

NO PERMIT

Small UAS Certificate of Registration

Name: Ryan Keller

Manufacturer: DJI

Model: Inspire 2 X7

Serial Number: 09YDF3UL040305

Certificate Number: FA3EPEWWFP

Issued: 10/11/2018 Expires: 10/11/2021

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

Operators of unmanned aircraft must ensure they comply with the appropriate safety authority from the FAA and economic authority from the DOT. To operate as a recreational flyer, a person must meet all of the statutory conditions of the exception for limited recreational operations of unmanned aircraft (49 U.S.C. 44809). Persons who do not meet any of the statutory conditions may not operate under the statutory exception for limited recreational operations of unmanned aircraft and would need to operate the unmanned aircraft under part 107 or any other applicable FAA authority.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas.

NOT A PERMIT

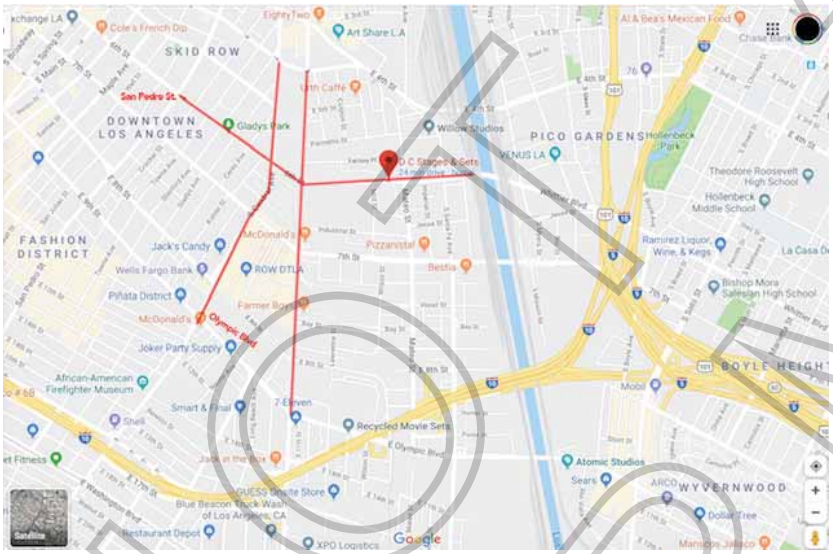
Permit #F00154347-A

RYAN KELLER | RIVETING ENTERTAINMENT

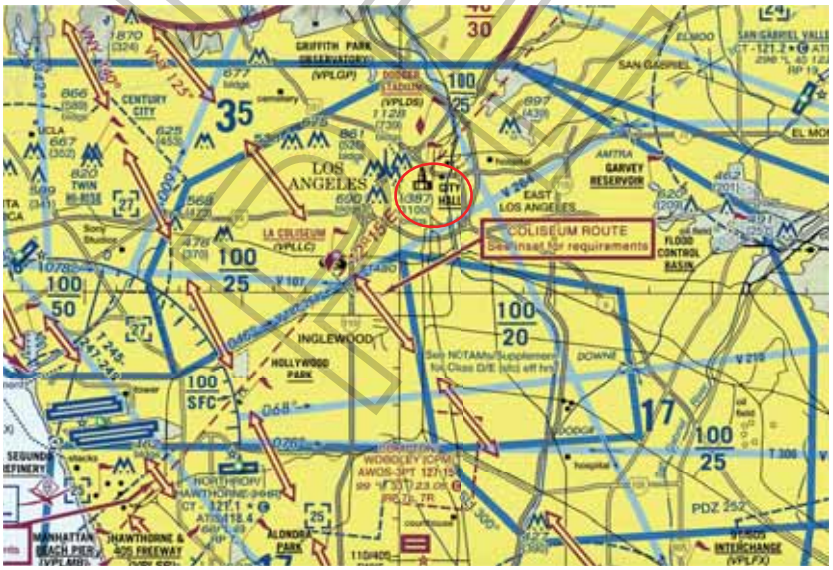
PLAN OF ACTION / FLIGHT PLAN

OBJECTIVE:

To capture aerial video, as directed by the client, in downtown Los Angeles at the highlighted locations below (DC Stages & Sets & Red highlighted roads). This document will illustrate our plans to carry out commercial drone operations in this area during the day and at night that can meet and exceed FAA standard operating procedures. During the production the RPIC (Ryan Keller) & RIVETING ENTERTAINMENT staff will be responsible for crowd control and informing bystanders of the production activity.



According to the FAA sectional chart below in the red circle (which is where we intend to shot) we will be operating in class G airspace. In order to inform pilots of our planned operations we will submit our flight path to AIRMAP and file a NOTAM or Notice To Airmen. We do this through 1800wxbrief which is an online preflight resource available to all pilots operating in the NAS.



INTERNAL

FILING THE FLIGHT PLAN: NOTICE TO AIRMEN

AIRMAP

1800wxbrief Information Provided

- Date and time for our flight : July 26th, 2019 at 5:00pm - Midnight
- Location with 1 Nautical Mile Radius of the AO (Area of Operations)
- Max Altitude of flights: 400 ft
- Aircraft ID# FA3EPEWWFP

NO PERMIT

With NOTAMs we show up on their flight service website as purple points on the map and our areas of operations are shaded informing pilots flying in the local airspace of commercial drone operations.

There are no active heliports within this flight area but our VOs will monitor air traffic using the Plane Finder app as well as scan the surrounding sky while our operations are taking place (as mentioned in 107.39 Daylight Waiver.

UAS & SENSORS

We will be operating the DJI Inspire 2 with the X7 gimbal with the 16mm, 34mm, & 50mm lens.

Flight Mission Brief:

- Date | Time | Duration: 7/24/19 | 1700 | 7 hours
- Objective: Film aerial video for a music video. There are two specific shots.
- Max Altitude: 400 ft
- Operating Altitude: 50 - 250 ft
- Orbit Radius: 0.8 NM

NOT A PERMIT

Shot 1:

Location: 1360 E 6th St, Los Angeles, CA 90021 DC Stages Parking Lot
Site Map & Description: We will be getting a birds eye view showing a car below with a small "explosion".
Drone Height: 100-200ft with 16mm lens

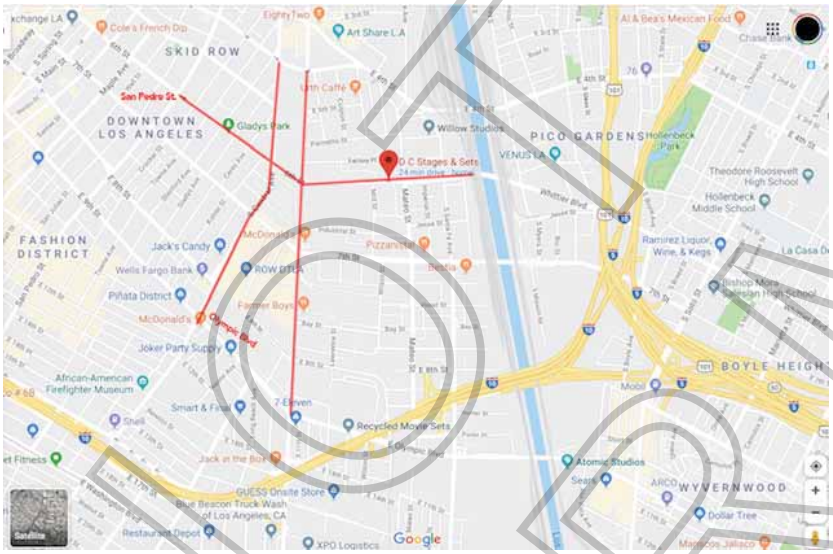
Blue Circles represent take off and landing locations.

Green dashed arrow represents the flight path of the UAS above the car that will have the small explosion that we will be capturing.

NOT A PERMIT

Shot 2:

Location: San Pedro St, S Alameda St, S Central Ave
Site Map & Description: We will be getting a car chase shot similar to the photo below, where the show cars will be driving on the listed roads (permitted) and the RPIC and VOs will be situated in the surrounding area within VLOS.
Drone Height: 50-200ft with 34mm, 50mm lens



Operations At Night

After civil twilight the RPIC and VOs will be operating under a Part 107.29 Daylight Operation Waiver (Waiver Number: 107W-2018-1599). This will be between 8:30pm-12am.

APPROVED

RYAN KELLER | RIVETING ENTERTAINMENT

Please see the attachment for supporting documents. The RPIC will direct the UAS team accordingly as laid out within this waiver.

NO PERMIT

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER

Issued To: Ryan Keller
Responsible Party: Ryan Keller
Waiver Number: 107W-2018-15999

Address:
11657 Chenault St Apt 303
Los Angeles, CA 90049

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Night small unmanned aircraft system (sUAS) operations.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

14 CFR § 107.29—Daylight operation

STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached to and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Administrator of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
4. This certificate is nontransferable.

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This Certificate of Waiver is effective from October 10, 2018, to October 31, 2022, and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

General Aviation and Commercial Division, AFS–800

RYAN KELLER | RIVETING ENTERTAINMENT

Ryan Keller
Ryan Keller
11657 Chenault Street, Apartment 303
Los Angeles, CA 90049

Waiver No. 107W-2018-15999

Dear Ryan Keller,

Attached is your Certificate of Waiver (CoW). The certificate is issued for operations specific to small unmanned aircraft system operations governed by Title 14, Code of Federal Regulations (14 CFR) part 107. Please carefully read and comply with all provisions of the attached waiver. You are only granted relief from § 107.29; please be aware of your responsibility to comply with all other sections of 14 CFR part 107.

We only evaluated your application for a waiver to § 107.29. We did not evaluate your application for compliance with any other Federal Aviation Regulation.

If you submitted an operations manual as part of your application for waiver, please note the FAA only reviewed the excerpt(s) from your manual that you cited to address the safety of your proposed operation. The FAA determined these excerpt(s), combined with other information you submitted and pursuant to your compliance with the provisions listed on the enclosed waiver, establish that you can conduct the limited operations this waiver will permit in a safe manner. The FAA's review of the excerpt(s) in the context of your specific request for a waiver does not constitute FAA approval or acceptance of the manual you provided.

Operations under this CoW must be conducted in uncontrolled airspace (Class G). If you wish to operate in controlled airspace at night, you must apply separately for a new airspace authorization or waiver in accordance with § 107.41 by visiting https://faadronezone.faa.gov/. Reference your § 107.29 waiver number in the request and indicate you would like to operate at night. To operate in controlled airspace at night, you must possess both a waiver to § 107.29 and an airspace Certificate of Authorization or Waiver that specifies night operations may be conducted in controlled airspace.

Any questions pertaining to your airspace request can be addressed to AJV-115 at 9-ajv-115-emergtech@faa.gov.

Submit questions pertaining to your waiver to AFS-800 at 9-AFS-800-Part107Waivers@faa.gov. Please reference your waiver number in all communications.

If you require an amendment to your Certificate of Waiver, please make the request through https://faadronezone.faa.gov/; please remember to reference your waiver number. Please note that your CoW has an expiration date and will no longer be effective after that date.

Sincerely,
Part 107 Waiver Team
General Aviation and Commercial Division

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SPECIAL FILMING CONDITIONS
THE ARTS DISTRICT

The Special Film Conditions described below will be included in the terms and conditions of permits issued for filming in this area and are in addition to the standard terms and conditions applicable to filming permits generally. While these Special Filming Conditions will be included as terms if a permit for filming in this are is issued, they are not intended to, and do not, establish the criteria or standards for determining whether or not a particular permit(s) will be issued for this area. The decision whether or not a particular permit(s) will be issued is vested in the discretion of the appropriate City or County department or their designees (including FilmL.A.), to be exercised consistent with public health, safety and general welfare, and applicable land-use ordinances.

This is a mixed-use area that includes manufacturing facilities, warehouses, artists/artisans and residents. These Special Conditions apply to the area roughly between 1st Street and 7th Street and between Alameda Avenue and the LA River. Within the past ten years, this area has experienced an influx of permanent residents into what was predominantly a light to heavy manufacturing zone for over 75 years.

The motion picture industry has amicably co-existed with the businesses and residents of this area for decades and desires to continue to do so. These Conditions are designed to promote cooperation between film companies, local businesses and residents so that each group can effectively utilize this diverse area. Violation of any of the conditions as outlined below may result in permit revocation or other administrative action.

- Affected residents/merchants and businesses must be notified at least two days in advance of the first day of filming or the first day of any substantial set preparation for productions that:
  - Request parking restrictions on the following public streets: Traction Avenue, East 2nd Street (except Alameda Street to Garey Street), East 3rd Street, Vignes Street, Molino Street (Palmetto Street to 4th Street only)
  - Request a street closure
  - Involve any special effects, gunfire, audible playback, helicopter activity, or other disruptive activities
  - FilmL.A. or the production company shall consult a designated community representative when an applicant requests a permit with less than two days notice under the above circumstances
- Posting on more than one side of Traction Avenue, East 2nd Street (except Alameda to Garey), East 3rd Street (except Vignes to Santa Fe), Vignes Street, Molino from 4th Street to Palmetto, Hewitt from Palmetto to 4th Street, 4t Street from Colyton to Molino requires a notification to a designated person in the building where alternate parking is not provided. Posting on both sides of the above streets is allowed without signatures on Sundays.
- When "No Parking" signs are posted on both sides of Hewitt between 4th Street and Traction Avenue, Art Share (213-687-4278) and Bedlam (213-909-1512) must be notified.
- Posting for equipment and/or picture, other than the streets listed above, will be reviewed on a street by street basis and may not exceed 450 linear feet. Additional posting may be granted if there is a majority of support from affected residents/businesses/merchants, and indicated on the permit. After filming is completed, companies are requested, as a courtesy (only LADOT is to touch the posting signs), to turn all "No Parking" signs around so that they face the opposite direction.

NOT A PERMIT

- Companies must provide adequate detour and directional signage when street closures are in place, conforming as much as possible to current LADOT standards and practices. Detour routes must accommodate large, semi and tractor trailer trucks.

- The Arts District is home to many art gallery openings and live, local theater. When the following locations are directly impacted, notification is required if in conflict with a scheduled event at the Downtown Playhouse (929 E. 2nd Street 213-626-6909) and Art Share LA (801 E. 4th Place 213-687-4278).

- Productions filming near residential buildings after midnight or before 6:00am are required to notify designated representatives of the proposed activity. Contact information for building representatives will be made available on request from the community filming liaison (Jonathan Jerald 213-814-7164).

- Crew with walkie-talkies must wear headsets when filming after 12:00 am and before 6:00 am.

- Changeable Message Signs (CMS) will be required on the day(s) of filming activity that requires a full closure on the 1st, 4th and 6th Street Bridges. CalTrans/LADOT approved notification signs are sufficient and must be in place in advance of filming activity and must include the dates and times of closures.

- Cast/Crew are not permitted to park on the area streets. Off-street parking must be provided for personal vehicles.

- Generators are to be placed as far away from residential buildings as possible. Placement will be considered on a case-by-case basis.

- Production companies are required to completely remove all trash, food, cardboard boxes, etc. from the general vicinity at the end of each filming day. Production companies will be held responsible for the actions of the catering companies they employ to provide food for the cast and crew.

- Food should not be given directly to the homeless persons in the area. Production companies wishing to help the homeless should do so though one of the service providers in the downtown area.

- FilmL.A will monitor frequency and look for ways to mitigate the impacts of filming prior to placing a location off limits.

- Unless a signature survey is completed, the west side of Mateo Street between 4th Place and Palmetto Street must be kept clear of equipment, vehicles, condors and lights. This area, however, may be used for camera placement between the hours of 7:00 am and 10:00 pm only.

- When filming take place after 10:00 pm or before 7:00 am, generators are to be placed as far as possible away from residential buildings and lights are to be screened to avoid disturbing nearby residents.

- The Molino Loft buildings (500 and 530 Molino Street) and Marc Free should be notified (310-871-2652) for filming activity or parking restrictions along 4th Place between Molino and Mateo [the curve].

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- Due to the mixed use nature of the neighborhood, productions wishing to utilize space along the west side of Santa Fe Ave. between 2nd and 3rd Streets and the north side of 3rd Street from Santa Fe Avenue to west 100 feet must obtain a signature from Valerie Mitchell or designated representative (213-687-3987).

- Frequent filming in the area of Vignes and 2nd Streets along with the high demand for parking in the area requires that posted "No Parking" on Vignes Street between 1st Street and 2nd Street shall be limited to no more than 200 feet, unless alternate parking or notification are provided to a designated representative from the building.

- The area near 3rd and Traction Avenue is home to many small businesses that have greatly helped to develop the area. In order to be sensitive to these businesses it is necessary for production companies to obtain signatures from the following businesses when there are filming activities or parking on the 700 block of 3rd Street between Traction Avenue and Hewitt Street: Zip Fusion- Jason Ha (744 E. 3rd Street, 213-680-3770); Lakich Studio-Lily Lakich (704 Traction Avenue, 213-620-8641); Ay Carrumba (714 Traction Avenue, 213-620-0274); Wurstkuche Sausage Grill- Joseph Petruzulli (800 E 3rd St, 213-667-4444); Blue Dahlia (738 E 3rd St, 213 613-0621)

- Outdoor food preparation using charcoal or gas grills must be at least 100 feet away from any residential building.

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SPECIAL CONDITIONS FOR LOCATION FILMING IN DOWNTOWN LOS ANGELES
(Standard Filming Requirements continue to apply where not superseded below)

1. DEFINITION OF TERMS

a. Downtown Los Angeles, for the purposes of these conditions, shall be defined as the area North to South from the 101 Freeway to the 10 Freeway; East to West from the Los Angeles River to the 110 Freeway.

b. The Downtown Los Angeles Neighborhood Council boundaries (**DLANC boundaries**), for the purpose of these conditions, shall be defined as bordered on the North and East at the 101 Freeway from the 110 Freeway east to Los Angeles Street, south to 4th Street, east to Alameda Street, south to 7th Street, east to the Los Angeles River; on the South by the 10 Freeway from the 110 Freeway to the Los Angeles River; on the West by 110 Freeway from the 10 Freeway to the 101 Freeway. (This area is the same area as defined above as Downtown Los Angeles, but excludes the Little Tokyo and Arts District neighborhoods.)

c. Residential buildings shall be defined as any building with legal residential occupants (mixed-use, adaptive reuse, artist-in-residence (A.I.R.), SROs, residential hotels, condominiums and apartment buildings). DLANC will maintain an accurate and contemporary listing of all residential buildings showing a 100-foot radius from each building so as to identify any areas both inside and outside of that radius.

d. The Broadway Entertainment District (aka Broadway Theatre District), for the purposes of these Conditions, shall be defined north to south as Broadway from 3rd Street to Olympic Boulevard, and east to west from Frank Court to Lindley Place (aka St. Vincent Alley Court), or the equivalent mid-block point to either of these alleys where the alley is not present, including any theater loading facilities, defined as any public or private surface parking lot, parking garage, public street or curb area adjacent to, or utilized by, a theater. If, in the future, the City adopts an ordinance with regulations governing filming in this area, such regulations shall supersede these Filming Conditions.

e. The Old Bank District residential overlay, for the purposes of these Conditions, shall be defined as the area bound by South Spring St., West 5th St., West 4th St., and Werdin Pl.

2. FILMING STANDARD HOURS AND DAYS

a. Filming activity, or any production-related activity including but not limited to activities such as base camps, catering, generators, etc., within the **DLANC boundaries** is restricted to the hours of 6:00 a.m. to 11:00 p.m. within a 100-foot radius of any residential building. Filming activity in the **Broadway Entertainment District** is restricted to the hours of 6:00 a.m. to Midnight within a 50-foot radius of any residential building. **Old Bank District** is restricted to the hours of 7:00 a.m. to 10:00 p.m. within a 100-foot radius of any residential building**.** No extension of the standard filming hours for

NOT A PERMIT

filming or any disruptive production-related activity shall be allowed until a signature survey has been properly submitted. Proof of signature surveys shall be made available to DLANC upon request.

b. No film permits may be issued along Main and Spring Streets from 2nd to 9th Streets, or on any block of 2nd through 9th Streets between Los Angeles and Spring during the Downtown Art Walk, currently held on the second Thursday of each month. Filming inside of private buildings or entirely on private property during this time is permitted so long as there are no external impacts.

c. No filming may be conducted in close proximity to major public events anywhere in Downtown Los Angeles as permitted by the LAPD, or identified with 30 days notice to the City's Designated Film Permit Contractor by DLANC. Film permits may be considered in light of major public events on a case-by-case basis so long as their issuance will not cause further disruption to Downtown businesses and residents during such events.

3. RESIDENTIAL AND MERCHANT PROTECTIONS IN THE DLANC BOUNDARIES

a. A film permit may include no more than 300 feet of curb lane per city block for the parking of film production vehicles, crew or equipment. Requests for additional amounts of curb lane shall require a signature survey. The **Broadway Entertainment District** is exempt from this restriction.

b. Production personnel (and equipment utilized by the production company) shall not block the sidewalk area in front of an open commercial business or a residential building, including residential patios, windows, doorways, or entryways, unless the production company has secured the permission of the merchant and/or property owner. Where the commercial business is one that is primarily open in the evening and nighttime hours, the production company, their cast and crew may not block the access to and signage of such establishment (as seen from the street), without permission of the merchant and/or property owner during the hours of operation of the business.

c. Customers, employees, residents, and guests of affected properties shall be allowed free ingress/egress to all buildings, merchants, and parking facilities. Arrangements shall be made to ensure access to deliveries, trash pickup, residential move-in/move-out, and vendor access to the properties/merchants during productions.

d. All commercial businesses must prominently post hours of operation and contact phone numbers, and residential buildings must have a designated contact person authorized to give permission. Special events held by commercial businesses, outside of normal business hours, must also be posted in advance, and production companies must provide full access and visibility during such events.

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4. NOISE, FUMES, AND LIGHTING WITHIN THE DLANC BOUNDARIES

a. Generators, portable toilets or toilet vehicles, and outdoor food preparation using charcoal or gas grills must be a minimum of 50 feet (horizontally) from any residential window or entrance. If it is physically impossible for a generator to be a minimum of 50 feet from residential windows or entrances, the generator shall be placed as far away as possible and vented away from residential windows and entrances. However, under no circumstances shall a generator be placed directly underneath a residential window.

b. Film productions must focus lighting on the filming area only and make every effort to shield the lighting from adjacent properties, pedestrians, and patrons of commercial businesses at all times. Exceptional lighting (e.g., Musco and Bebee lighting) outside of regular filming hours shall not be allowed without a signature survey of the affected merchants and/or property owners. **Signature survey shall be required for Exceptional lighting within the Old Bank District between the hours of 6:00 p.m. and 6:00 a.m.** Under no circumstances shall lighting be directed onto oncoming traffic.

c. Film production companies are required to completely remove all trash, food, and cardboard boxes, etc. from the general vicinity at the end of each filming day. Film production companies will be held responsible for the actions of catering companies they employ to provide food for the cast and crew.

5. SPECIAL REQUESTS AND EXCEPTIONS REVIEW AND NOTIFICATION WITHIN THE DLANC BOUNDARIES

a. Helicopters shall not be granted permits for landing at non-certified helipads before and after approved filming hours. All aerial filming productions must provide upon request a copy of an approved FAA Form 7711-2, or other official waiver, along with a copy of the briefing on the flight operations for all participating persons or property.

b. No film permit shall be construed as a waiver of 14 CFR § 91.119, 14 CFR § 91.515(a) or 14 CFR § 91.303(e), dictating federal flight altitude regulations, for purposes of non-participating persons or property (see attachment).

c. Notification beyond the standard 500-foot radius will be made to affected residents and merchants for high impact activity that is likely to cause interference with adjacent properties of people such as car chases, simulated gun fire, explosions, screams for help and other loud noises, helicopter activity, road closures or other such exceptional activities that might cause a police response to the filming location. High impact filming activity must be preceded by notifications at least two days in advance. The City's Designated Film Permit Contractor or the production company shall consult a designated DLANC representative when an applicant requests a permit for high impact filming activity with less than two days notice.

d. Due to the location of building air intake systems on Lower Grand Avenue, no special effects, including smoke, steam or fog, may occur in that area without first obtaining

NOT A PERMIT

clearance from the appropriate building contacts and maintenance engineers. Contact must be made at least 48 hours prior to the proposed effect(s).

6. FILMING-RELATED CONGESTION WITHIN THE DLANC BOUNDARIES

a. The City's Designated Film Permit Contractor will ensure that the impact from filming at recurrently used locations is minimized to the affected residents and businesses.

b. In rush hour restricted lanes, as designated by LADOT, no Intermittent Traffic Control (ITC) shall be permitted during Rush Hours (7:00 a.m. – 9:00 a.m. and 4:00 p.m. – 7:00 p.m., Monday through Friday). No simultaneous closures or ITC of both the Second and Third Street Tunnels will be permitted.

c. Production companies shall request the posting of "no parking" signs, lane or street closures with LADOT for the day(s) that they are "on site" only. When closures are not necessary for the day(s) requested, production companies shall report the changes to the City's Designated Film Permit Contractor, who shall notify LADOT, who must revise and/or remove parking signs, as necessary.

d. Production companies must provide adequate detour and directional signage when street closures are in place, conforming to current LADOT standards and practices. Detour routes must accommodate large, semi and tractor trailer trucks and public transit vehicles.

7. ENFORCEMENT OF CONDITIONS

a. In accordance with the terms of their work permit issued from LAPD, off-duty or retired police officers must, upon reporting to a work site, review and ensure compliance with conditions outlined on the filming permit. Officers shall ensure compliance with arrival and departure time, and shall not allow any activity or conduct that is in violation of local or state law, nor allow any filming condition that is not authorized by the permit. Variations from the requirements of the permit are not allowed unless approved by an authorized representative of the City's Designated Film Permit Contractor.

NOT A PERMIT

Permit #F00154347-A

UAS QUESTIONNAIRE

(FOR MORE THAN 2 LOCATIONS, PLEASE USE AN ADDITIONAL FORM)

FilmL.A. Permit #: F00154347

Film Date: 26/07/19

Production Title: CHILL

Production Company: Riveting Entertainment

Hours of UAS Activity: 5pm- 12am

Location Address: S Central Ave., E 4th St- Olympic Bl

Hours of UAS Activity: 5pm-12am

Location Address #2: S Alameda St., E 4th St- Olympic Bl

UAS Company Name: Ryan Keller DBA Rlk edits

UAS ON LOCATION INFORMATION

UAS Make & Model: DJI Inspire 2 X7

UAS "N" # or registration #: FA3EPEWWFP

UAS Make & Model:

UAS "N" # or registration #:

Class of Airspace that activity will occur in: ☐ B ☐ C ☐ D ☐ E ☑ G

REMINDER: IF YOU ARE FLYING IN CLASS B, C, D, OR E AIRSPACE, ATC AUTHORIZATION IS REQUIRED FOR ALL UAS ACTIVITY.

UAS PILOT WILL BE OPERATING UNDER: ☐ 333 EXEMPTION ☑ PART 107

333 EXEMPTION REQUIREMENTS

Name of Pilot in Command:

Pilot's Phone #:

Name of Visual Observer:

Visual Observer's Phone #:

PLEASE PROVIDE THE FOLLOWING:

- Copy of COA or Blanket COA
- Copy of POA with proof of submission to local FSDO
- Copy of Pilot's License

PART 107 REQUIREMENTS

Name of Remote Pilot: Ryan L Keller

Certificate #: 4007238

Remote Pilot Phone #: 8052599615

Visual Observer: ☑ YES ☐ NO

PLEASE PROVIDE THE FOLLOWING:

- Copy of Remote Pilot's Certificate
- Copy of Part 47 Registration Certificate for each UAS listed
- Description of Planned Operations

WAIVERS

If you are requesting any of the following activity, please check all that apply and furnish proof of waiver from the FAA upon submission of this document to FilmL.A.

☐ Flight over non-participants (§107.39)
☐ Flight altitude restrictions (§107.51)
☑ Night Flight (§107.29)
☐ Operating from a moving vehicle (§107.25)
☐ Operating multiple small UAS' (§107.35)

FILMLA. USE ONLY

333 EXEMPTION

☐ INSURANCE ☐ PILOT'S LICENSE
☐ COA ☐ POA
☐ 315 TO LAFD ☐ VISUAL OBSERVER

PART 107 CERTIFICATE

☐ INSURANCE ☐ WAIVERS
☐ 315 TO LAFD ☐ DESCRIPTION OF OPS.
☐ REMOTE PILOT CERTIFICATE ☐ ATC COORDINATOR NOTE
☐ UAS REGISTRATION CERTIFICATE(S)

NOT A PERMIT

Permit #F00154347-A

I UNITED STATES OF AMERICA XI

DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME
RYAN LLOYD KELLER

V ADDRESS 1482 E VALLEY RD STE 400
SANTA BARBARA CA 93108-1200

U

VI NATIONALITY USA

SEX	HEIGHT	WEIGHT	HAIR	EYES
M	73	180	BLOND	BLUE

IVa D.O.B. 21 JUN 1990

A

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II REMOTE PILOT

III CERTIFICATE NUMBER 4007238

X DATE OF ISSUE 20 MAY 2017

S

XIV

VIII ADMINISTRATOR

U.S. DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration
Airman Knowledge Test Report

NAME: KELLER, RYAN LLOYD
APPLICANT ID: 06211990 **EXAM ID:** 50053020195936823
EXAM: Unmanned Aircraft - Recurrent (UGR)
EXAM DATE: 05/30/2019 **EXAM SITE:** LAS91404
SCORE: 88% **GRADE:** PASS **TAKE:** 2

Learning statement codes listed below represent incorrectly answered questions. Learning statement codes and their associated statements can be found at **www.faa.gov/training_testing/testing/media/LearningStatementReferenceGuide.pdf**.

Reference material associated with the learning statement codes can be found in the appropriate knowledge test guide at **www.faa.gov/training_testing/testing/test_guides**.

A single code may represent more than one incorrect response.
PLT040 PLT141 PLT208 PLT393

(emboss)

EXPIRATION DATE: 05/31/2021

DO NOT LOSE THIS REPORT

AUTHORIZED INSTRUCTOR'S STATEMENT: (if applicable)
*On*_____(date) I gave the above named applicant _____ hours of additional instruction, covering each subject area shown to be deficient, and consider the applicant competent to pass the test.

Name _____ Initial _____ Cert. No. _____ Type _____
(*print clearly*)

Signature _____

FRAUDULENT ALTERATION OF THIS FORM BY ANY PERSON IS A BASIS FOR SUSPENSION OR REVOCATION OF ANY CERTIFICATES OR RATINGS HELD BY THAT PERSON.

ISSUED BY: PSI Services LLC
FEDERAL AVIATION ADMINISTRATION
THIS INFORMATION IS PROTECTED BY THE PRIVACY ACT. FOR OFFICIAL USE ONLY.

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Small UAS Certificate of Registration

Name: Ryan Keller

Manufacturer: DJI

Model: Inspire 2 X7

Serial Number: 09YDF3UL040305

Certificate Number: FA3EPEWWFP

Issued: 10/11/2018 Expires: 10/11/2021

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

Operators of unmanned aircraft must ensure they comply with the appropriate safety authority from the FAA and economic authority from the DOT. To operate as a recreational flyer, a person must meet all of the statutory conditions of the exception for limited recreational operations of unmanned aircraft (49 U.S.C. 44809). Persons who do not meet any of the statutory conditions may not operate under the statutory exception for limited recreational operations of unmanned aircraft and would need to operate the unmanned aircraft under part 107 or any other applicable FAA authority.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas.

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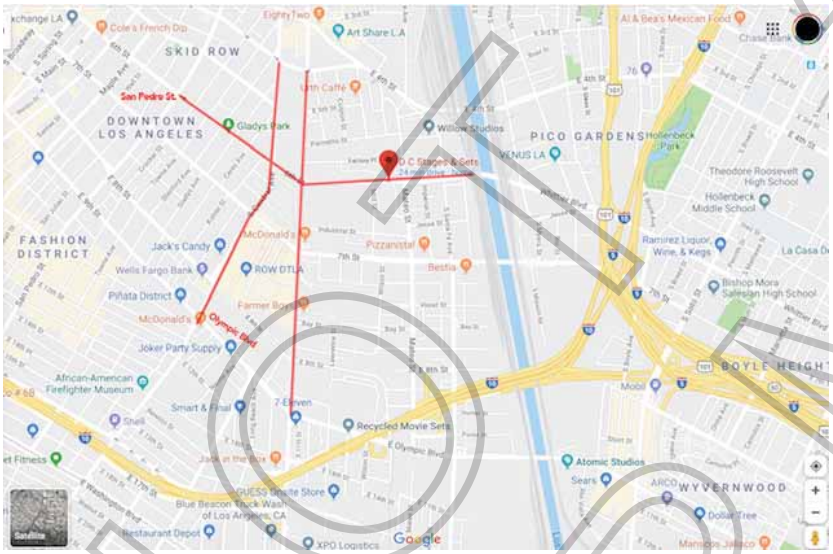
Permit #F00154347-A

RYAN KELLER | RIVETING ENTERTAINMENT

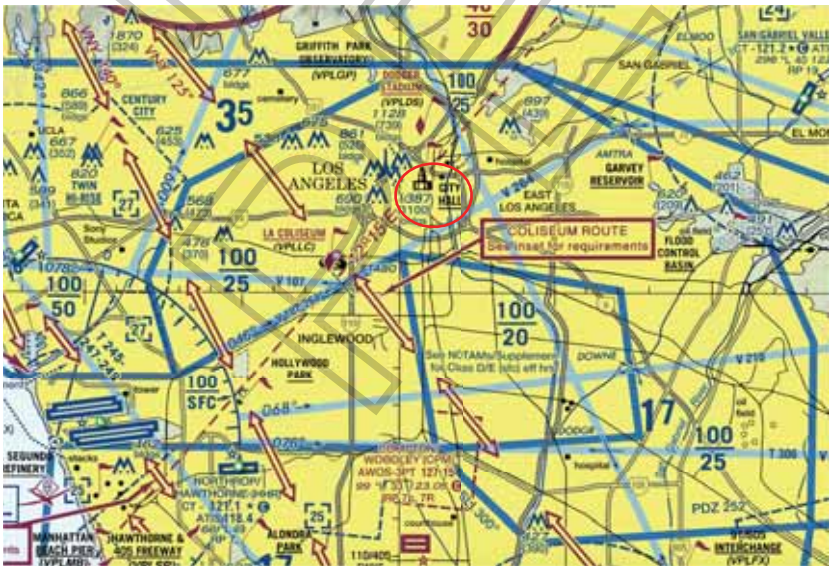
PLAN OF ACTION / FLIGHT PLAN

OBJECTIVE:

To capture aerial video, as directed by the client, in downtown Los Angeles at the highlighted locations below (DC Stages & Sets & Red highlighted roads). This document will illustrate our plans to carry out commercial drone operations in this area during the day and at night that can meet and exceed FAA standard operating procedures. During the production the RPIC (Ryan Keller) & RIVETING ENTERTAINMENT staff will be responsible for crowd control and informing bystanders of the production activity.



According to the FAA sectional chart below in the red circle (which is where we intend to shot) we will be operating in class G airspace. In order to inform pilots of our planned operations we will submit our flight path to AIRMAP and file a NOTAM or Notice To Airmen. We do this through 1800wxbrief which is an online preflight resource available to all pilots operating in the NAS.



INTERNAL

FILING THE FLIGHT PLAN: NOTICE TO AIRMEN

AIRMAP

1800wxbrief Information Provided

- Date and time for our flight : July 26th, 2019 at 5:00pm - Midnight
- Location with 1 Nautical Mile Radius of the AO (Area of Operations)
- Max Altitude of flights: 400 ft
- Aircraft ID# FA3EPEWWFP

NO PERMIT

With NOTAMs we show up on their flight service website as purple points on the map and our areas of operations are shaded informing pilots flying in the local airspace of commercial drone operations.

There are no active heliports within this flight area but our VOs will monitor air traffic using the Plane Finder app as well as scan the surrounding sky while our operations are taking place (as mentioned in 107.39 Daylight Waiver.

UAS & SENSORS

We will be operating the DJI Inspire 2 with the X7 gimbal with the 16mm, 34mm, & 50mm lens.

Flight Mission Brief:

- Date | Time | Duration: 7/24/19 | 1700 | 7 hours
- Objective: Film aerial video for a music video. There are two specific shots.
- Max Altitude: 400 ft
- Operating Altitude: 50 - 250 ft
- Orbit Radius: 0.8 NM

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Shot 1:

Location: 1360 E 6th St, Los Angeles, CA 90021 DC Stages Parking Lot
Site Map & Description: We will be getting a birds eye view showing a car below with a small "explosion".
Drone Height: 100-200ft with 16mm lens

Blue Circles represent take off and landing locations.

Green dashed arrow represents the flight path of the UAS above the car that will have the small explosion that we will be capturing.

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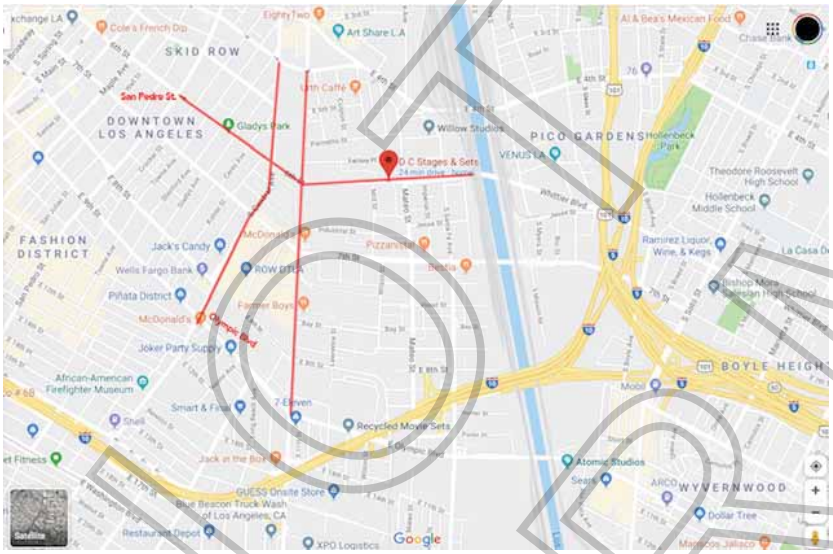
Shot 2:

Location: San Pedro St, S Alameda St, S Central Ave
Site Map & Description: We will be getting a car chase shot similar to the photo below, where the show cars will be driving on the listed roads (permitted) and the RPIC and VOs will be situated in the surrounding area within VLOS.
Drone Height: 50-200ft with 34mm, 50mm lens



Operations At Night

After civil twilight the RPIC and VOs will be operating under a Part 107.29 Daylight Operation Waiver (Waiver Number: 107W-2018-1599). This will be between 8:30pm-12am.

APPROVED

RYAN KELLER | RIVETING ENTERTAINMENT

Please see the attachment for supporting documents. The RPIC will direct the UAS team accordingly as laid out within this waiver.

NO PERMIT

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER

Issued To: Ryan Keller
Responsible Party: Ryan Keller
Waiver Number: 107W-2018-15999

Address:
11657 Chenault St Apt 303
Los Angeles, CA 90049

This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.

OPERATIONS AUTHORIZED

Night small unmanned aircraft system (sUAS) operations.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

14 CFR § 107.29—Daylight operation

STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached to and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Administrator of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
4. This certificate is nontransferable.

NOTE—This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.

SPECIAL PROVISIONS

Special Provisions Nos. 1 to 10, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from October 10, 2018, to October 31, 2022, and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

General Aviation and Commercial Division, AFS–800

RYAN KELLER | RIVETING ENTERTAINMENT

Ryan Keller
Ryan Keller
11657 Chenault Street, Apartment 303
Los Angeles, CA 90049

Waiver No. 107W-2018-15999

Dear Ryan Keller,

Attached is your Certificate of Waiver (CoW). The certificate is issued for operations specific to small unmanned aircraft system operations governed by Title 14, Code of Federal Regulations (14 CFR) part 107. Please carefully read and comply with all provisions of the attached waiver. You are only granted relief from § 107.29; please be aware of your responsibility to comply with all other sections of 14 CFR part 107.

We only evaluated your application for a waiver to § 107.29. We did not evaluate your application for compliance with any other Federal Aviation Regulation.

If you submitted an operations manual as part of your application for waiver, please note the FAA only reviewed the excerpt(s) from your manual that you cited to address the safety of your proposed operation. The FAA determined these excerpt(s), combined with other information you submitted and pursuant to your compliance with the provisions listed on the enclosed waiver, establish that you can conduct the limited operations this waiver will permit in a safe manner. The FAA's review of the excerpt(s) in the context of your specific request for a waiver does not constitute FAA approval or acceptance of the manual you provided.

Operations under this CoW must be conducted in uncontrolled airspace (Class G). If you wish to operate in controlled airspace at night, you must apply separately for a new airspace authorization or waiver in accordance with § 107.41 by visiting https://faadronezone.faa.gov/. Reference your § 107.29 waiver number in the request and indicate you would like to operate at night. To operate in controlled airspace at night, you must possess both a waiver to § 107.29 and an airspace Certificate of Authorization or Waiver that specifies night operations may be conducted in controlled airspace.

Any questions pertaining to your airspace request can be addressed to AJV-115 at 9-ajv-115-emergtech@faa.gov.

Submit questions pertaining to your waiver to AFS-800 at 9-AFS-800-Part107Waivers@faa.gov. Please reference your waiver number in all communications.

If you require an amendment to your Certificate of Waiver, please make the request through https://faadronezone.faa.gov/; please remember to reference your waiver number. Please note that your CoW has an expiration date and will no longer be effective after that date.

Sincerely,
Part 107 Waiver Team
General Aviation and Commercial Division

NOT A PERMIT

SPECIAL CONDITIONS FOR LOCATION FILMING IN DOWNTOWN LOS ANGELES
(Standard Filming Requirements continue to apply where not superseded below)

1. DEFINITION OF TERMS

a. Downtown Los Angeles, for the purposes of these conditions, shall be defined as the area North to South from the 101 Freeway to the 10 Freeway; East to West from the Los Angeles River to the 110 Freeway.

b. The Downtown Los Angeles Neighborhood Council boundaries (**DLANC boundaries**), for the purpose of these conditions, shall be defined as bordered on the North and East at the 101 Freeway from the 110 Freeway east to Los Angeles Street, south to 4th Street, east to Alameda Street, south to 7th Street, east to the Los Angeles River; on the South by the 10 Freeway from the 110 Freeway to the Los Angeles River; on the West by 110 Freeway from the 10 Freeway to the 101 Freeway. (This area is the same area as defined above as Downtown Los Angeles, but excludes the Little Tokyo and Arts District neighborhoods.)

c. Residential buildings shall be defined as any building with legal residential occupants (mixed-use, adaptive reuse, artist-in-residence (A.I.R.), SROs, residential hotels, condominiums and apartment buildings). DLANC will maintain an accurate and contemporary listing of all residential buildings showing a 100-foot radius from each building so as to identify any areas both inside and outside of that radius.

d. The Broadway Entertainment District (aka Broadway Theatre District), for the purposes of these Conditions, shall be defined north to south as Broadway from 3rd Street to Olympic Boulevard, and east to west from Frank Court to Lindley Place (aka St. Vincent Alley Court), or the equivalent mid-block point to either of these alleys where the alley is not present, including any theater loading facilities, defined as any public or private surface parking lot, parking garage, public street or curb area adjacent to, or utilized by, a theater. If, in the future, the City adopts an ordinance with regulations governing filming in this area, such regulations shall supersede these Filming Conditions.

e. The Old Bank District residential overlay, for the purposes of these Conditions, shall be defined as the area bound by South Spring St., West 5th St., West 4th St., and Werdin Pl.

2. FILMING STANDARD HOURS AND DAYS

a. Filming activity, or any production-related activity including but not limited to activities such as base camps, catering, generators, etc., within the **DLANC boundaries** is restricted to the hours of 6:00 a.m. to 11:00 p.m. within a 100-foot radius of any residential building. Filming activity in the **Broadway Entertainment District** is restricted to the hours of 6:00 a.m. to Midnight within a 50-foot radius of any residential building. **Old Bank District** is restricted to the hours of 7:00 a.m. to 10:00 p.m. within a 100-foot radius of any residential building**.** No extension of the standard filming hours for

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filming or any disruptive production-related activity shall be allowed until a signature survey has been properly submitted. Proof of signature surveys shall be made available to DLANC upon request.

b. No film permits may be issued along Main and Spring Streets from 2nd to 9th Streets, or on any block of 2nd through 9th Streets between Los Angeles and Spring during the Downtown Art Walk, currently held on the second Thursday of each month. Filming inside of private buildings or entirely on private property during this time is permitted so long as there are no external impacts.

c. No filming may be conducted in close proximity to major public events anywhere in Downtown Los Angeles as permitted by the LAPD, or identified with 30 days notice to the City's Designated Film Permit Contractor by DLANC. Film permits may be considered in light of major public events on a case-by-case basis so long as their issuance will not cause further disruption to Downtown businesses and residents during such events.

3. RESIDENTIAL AND MERCHANT PROTECTIONS IN THE DLANC BOUNDARIES

a. A film permit may include no more than 300 feet of curb lane per city block for the parking of film production vehicles, crew or equipment. Requests for additional amounts of curb lane shall require a signature survey. The **Broadway Entertainment District** is exempt from this restriction.

b. Production personnel (and equipment utilized by the production company) shall not block the sidewalk area in front of an open commercial business or a residential building, including residential patios, windows, doorways, or entryways, unless the production company has secured the permission of the merchant and/or property owner. Where the commercial business is one that is primarily open in the evening and nighttime hours, the production company, their cast and crew may not block the access to and signage of such establishment (as seen from the street), without permission of the merchant and/or property owner during the hours of operation of the business.

c. Customers, employees, residents, and guests of affected properties shall be allowed free ingress/egress to all buildings, merchants, and parking facilities. Arrangements shall be made to ensure access to deliveries, trash pickup, residential move-in/move-out, and vendor access to the properties/merchants during productions.

d. All commercial businesses must prominently post hours of operation and contact phone numbers, and residential buildings must have a designated contact person authorized to give permission. Special events held by commercial businesses, outside of normal business hours, must also be posted in advance, and production companies must provide full access and visibility during such events.

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4. NOISE, FUMES, AND LIGHTING WITHIN THE DLANC BOUNDARIES

a. Generators, portable toilets or toilet vehicles, and outdoor food preparation using charcoal or gas grills must be a minimum of 50 feet (horizontally) from any residential window or entrance. If it is physically impossible for a generator to be a minimum of 50 feet from residential windows or entrances, the generator shall be placed as far away as possible and vented away from residential windows and entrances. However, under no circumstances shall a generator be placed directly underneath a residential window.

b. Film productions must focus lighting on the filming area only and make every effort to shield the lighting from adjacent properties, pedestrians, and patrons of commercial businesses at all times. Exceptional lighting (e.g., Musco and Bebee lighting) outside of regular filming hours shall not be allowed without a signature survey of the affected merchants and/or property owners. **Signature survey shall be required for Exceptional lighting within the Old Bank District between the hours of 6:00 p.m. and 6:00 a.m.** Under no circumstances shall lighting be directed onto oncoming traffic.

c. Film production companies are required to completely remove all trash, food, and cardboard boxes, etc. from the general vicinity at the end of each filming day. Film production companies will be held responsible for the actions of catering companies they employ to provide food for the cast and crew.

5. SPECIAL REQUESTS AND EXCEPTIONS REVIEW AND NOTIFICATION WITHIN THE DLANC BOUNDARIES

a. Helicopters shall not be granted permits for landing at non-certified helipads before and after approved filming hours. All aerial filming productions must provide upon request a copy of an approved FAA Form 7711-2, or other official waiver, along with a copy of the briefing on the flight operations for all participating persons or property.

b. No film permit shall be construed as a waiver of 14 CFR § 91.119, 14 CFR § 91.515(a) or 14 CFR § 91.303(e), dictating federal flight altitude regulations, for purposes of non-participating persons or property (see attachment).

c. Notification beyond the standard 500-foot radius will be made to affected residents and merchants for high impact activity that is likely to cause interference with adjacent properties of people such as car chases, simulated gun fire, explosions, screams for help and other loud noises, helicopter activity, road closures or other such exceptional activities that might cause a police response to the filming location. High impact filming activity must be preceded by notifications at least two days in advance. The City's Designated Film Permit Contractor or the production company shall consult a designated DLANC representative when an applicant requests a permit for high impact filming activity with less than two days notice.

d. Due to the location of building air intake systems on Lower Grand Avenue, no special effects, including smoke, steam or fog, may occur in that area without first obtaining

NOT A PERMIT

clearance from the appropriate building contacts and maintenance engineers. Contact must be made at least 48 hours prior to the proposed effect(s).

6. FILMING-RELATED CONGESTION WITHIN THE DLANC BOUNDARIES

a. The City's Designated Film Permit Contractor will ensure that the impact from filming at recurrently used locations is minimized to the affected residents and businesses.

b. In rush hour restricted lanes, as designated by LADOT, no Intermittent Traffic Control (ITC) shall be permitted during Rush Hours (7:00 a.m. – 9:00 a.m. and 4:00 p.m. – 7:00 p.m., Monday through Friday). No simultaneous closures or ITC of both the Second and Third Street Tunnels will be permitted.

c. Production companies shall request the posting of "no parking" signs, lane or street closures with LADOT for the day(s) that they are "on site" only. When closures are not necessary for the day(s) requested, production companies shall report the changes to the City's Designated Film Permit Contractor, who shall notify LADOT, who must revise and/or remove parking signs, as necessary.

d. Production companies must provide adequate detour and directional signage when street closures are in place, conforming to current LADOT standards and practices. Detour routes must accommodate large, semi and tractor trailer trucks and public transit vehicles.

7. ENFORCEMENT OF CONDITIONS

a. In accordance with the terms of their work permit issued from LAPD, off-duty or retired police officers must, upon reporting to a work site, review and ensure compliance with conditions outlined on the filming permit. Officers shall ensure compliance with arrival and departure time, and shall not allow any activity or conduct that is in violation of local or state law, nor allow any filming condition that is not authorized by the permit. Variations from the requirements of the permit are not allowed unless approved by an authorized representative of the City's Designated Film Permit Contractor.

NOT A PERMIT

Permit #F00154347-A

UAS QUESTIONNAIRE

(FOR MORE THAN 2 LOCATIONS, PLEASE USE AN ADDITIONAL FORM)

FilmL.A. Permit #: F00154347

Film Date: 26/07/19

Production Title: CHILL

Production Company: Riveting Entertainment

Hours of UAS Activity: 5pm- 12am

Location Address: S Central Ave., E 4th St- Olympic Bl

Hours of UAS Activity: 5pm-12am

Location Address #2: S Alameda St., E 4th St- Olympic Bl

UAS Company Name: Ryan Keller DBA Rlk edits

UAS ON LOCATION INFORMATION

UAS Make & Model: DJI Inspire 2 X7

UAS "N" # or registration #: FA3EPEWWFP

UAS Make & Model:

UAS "N" # or registration #:

Class of Airspace that activity will occur in: ☐ B ☐ C ☐ D ☐ E ☑ G

REMINDER: IF YOU ARE FLYING IN CLASS B, C, D, OR E AIRSPACE, ATC AUTHORIZATION IS REQUIRED FOR ALL UAS ACTIVITY.

UAS PILOT WILL BE OPERATING UNDER: ☐ 333 EXEMPTION ☑ PART 107

333 EXEMPTION REQUIREMENTS

Name of Pilot in Command:

Pilot's Phone #:

Name of Visual Observer:

Visual Observer's Phone #:

PLEASE PROVIDE THE FOLLOWING:

- Copy of COA or Blanket COA
- Copy of POA with proof of submission to local FSDO
- Copy of Pilot's License

PART 107 REQUIREMENTS

Name of Remote Pilot: Ryan L Keller

Certificate #: 4007238

Remote Pilot Phone #: 8052599615

Visual Observer: ☑ YES ☐ NO

PLEASE PROVIDE THE FOLLOWING:

- Copy of Remote Pilot's Certificate
- Copy of Part 47 Registration Certificate for each UAS listed
- Description of Planned Operations

WAIVERS

If you are requesting any of the following activity, please check all that apply and furnish proof of waiver from the FAA upon submission of this document to FilmL.A.

☐ Flight over non-participants (§107.39)
☐ Flight altitude restrictions (§107.51)
☑ Night Flight (§107.29)
☐ Operating from a moving vehicle (§107.25)
☐ Operating multiple small UAS' (§107.35)

FILMLA. USE ONLY

333 EXEMPTION

☐ INSURANCE ☐ PILOT'S LICENSE
☐ COA ☐ POA
☐ 315 TO LAFD ☐ VISUAL OBSERVER

PART 107 CERTIFICATE

☐ INSURANCE ☐ WAIVERS
☐ 315 TO LAFD ☐ DESCRIPTION OF OPS.
☐ REMOTE PILOT CERTIFICATE ☐ ATC COORDINATOR NOTE
☐ UAS REGISTRATION CERTIFICATE(S)

NOT A PERMIT

Permit #F00154347-A

I UNITED STATES OF AMERICA XI

DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME
RYAN LLOYD KELLER

V ADDRESS 1482 E VALLEY RD STE 400
SANTA BARBARA CA 93108-1200

U

VI NATIONALITY USA

SEX	HEIGHT	WEIGHT	HAIR	EYES
M	73	180	BLOND	BLUE

IVa D.O.B. 21 JUN 1990

A

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II REMOTE PILOT

III CERTIFICATE NUMBER 4007238

X DATE OF ISSUE 20 MAY 2017

S

XIV

VIII ADMINISTRATOR

U.S. DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration
Airman Knowledge Test Report

NAME: KELLER, RYAN LLOYD
APPLICANT ID: 06211990 **EXAM ID:** 50053020195936823
EXAM: Unmanned Aircraft - Recurrent (UGR)
EXAM DATE: 05/30/2019 **EXAM SITE:** LAS91404
SCORE: 88% **GRADE:** PASS **TAKE:** 2

Learning statement codes listed below represent incorrectly answered questions. Learning statement codes and their associated statements can be found at **www.faa.gov/training_testing/testing/media/LearningStatementReferenceGuide.pdf**.

Reference material associated with the learning statement codes can be found in the appropriate knowledge test guide at **www.faa.gov/training_testing/testing/test_guides**.

A single code may represent more than one incorrect response.
PLT040 PLT141 PLT208 PLT393

(emboss)

EXPIRATION DATE: 05/31/2021

DO NOT LOSE THIS REPORT

AUTHORIZED INSTRUCTOR'S STATEMENT: (if applicable)
*On*_____(date) I gave the above named applicant _____ hours of additional instruction, covering each subject area shown to be deficient, and consider the applicant competent to pass the test.

Name _____ Initial _____ Cert. No. _____ Type _____
(*print clearly*)

Signature _____

FRAUDULENT ALTERATION OF THIS FORM BY ANY PERSON IS A BASIS FOR SUSPENSION OR REVOCATION OF ANY CERTIFICATES OR RATINGS HELD BY THAT PERSON.

ISSUED BY: PSI Services LLC
FEDERAL AVIATION ADMINISTRATION
THIS INFORMATION IS PROTECTED BY THE PRIVACY ACT. FOR OFFICIAL USE ONLY.

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Small UAS Certificate of Registration

Name: Ryan Keller

Manufacturer: DJI

Model: Inspire 2 X7

Serial Number: 09YDF3UL040305

Certificate Number: FA3EPEWWFP

Issued: 10/11/2018 Expires: 10/11/2021

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

Operators of unmanned aircraft must ensure they comply with the appropriate safety authority from the FAA and economic authority from the DOT. To operate as a recreational flyer, a person must meet all of the statutory conditions of the exception for limited recreational operations of unmanned aircraft (49 U.S.C. 44809). Persons who do not meet any of the statutory conditions may not operate under the statutory exception for limited recreational operations of unmanned aircraft and would need to operate the unmanned aircraft under part 107 or any other applicable FAA authority.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas.

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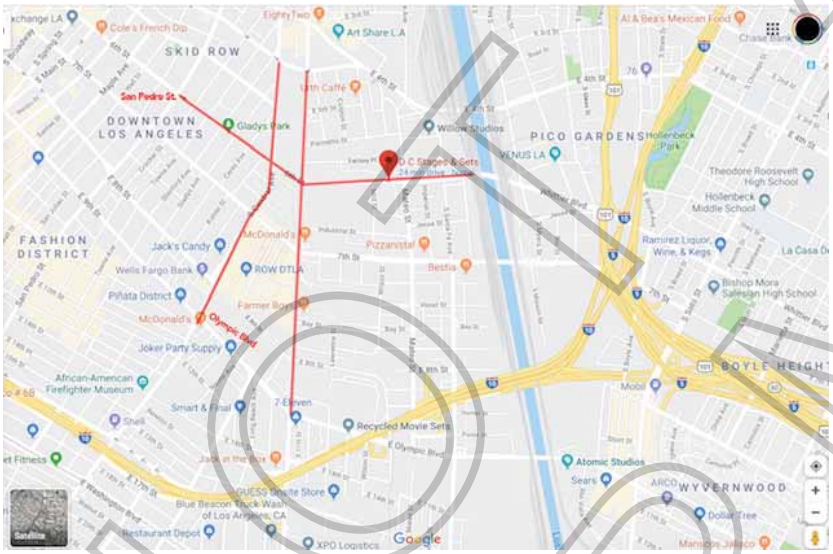
Permit #F00154347-A

RYAN KELLER | RIVETING ENTERTAINMENT

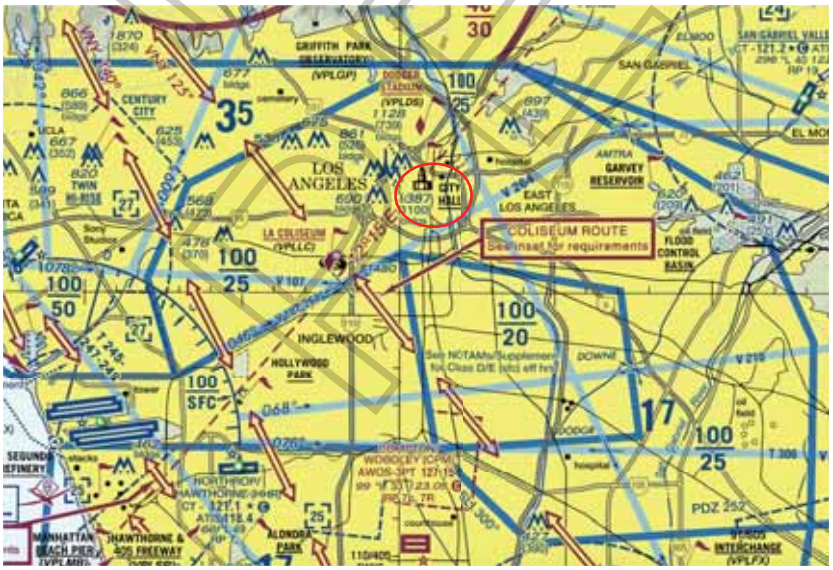
PLAN OF ACTION / FLIGHT PLAN

OBJECTIVE:

To capture aerial video, as directed by the client, in downtown Los Angeles at the highlighted locations below (DC Stages & Sets & Red highlighted roads). This document will illustrate our plans to carry out commercial drone operations in this area during the day and at night that can meet and exceed FAA standard operating procedures. During the production the RPIC (Ryan Keller) & RIVETING ENTERTAINMENT staff will be responsible for crowd control and informing bystanders of the production activity.



According to the FAA sectional chart below in the red circle (which is where we intend to shot) we will be operating in class G airspace. In order to inform pilots of our planned operations we will submit our flight path to AIRMAP and file a NOTAM or Notice To Airmen. We do this through 1800wxbrief which is an online preflight resource available to all pilots operating in the NAS.



INTERNAL

FILING THE FLIGHT PLAN: NOTICE TO AIRMEN

AIRMAP

1800wxbrief Information Provided

- Date and time for our flight : July 26th, 2019 at 5:00pm - Midnight
- Location with 1 Nautical Mile Radius of the AO (Area of Operations)
- Max Altitude of flights: 400 ft
- Aircraft ID# FA3EPEWWFP

NO PERMIT

With NOTAMs we show up on their flight service website as purple points on the map and our areas of operations are shaded informing pilots flying in the local airspace of commercial drone operations.

There are no active heliports within this flight area but our VOs will monitor air traffic using the Plane Finder app as well as scan the surrounding sky while our operations are taking place (as mentioned in 107.39 Daylight Waiver.

UAS & SENSORS

We will be operating the DJI Inspire 2 with the X7 gimbal with the 16mm, 34mm, & 50mm lens.

Flight Mission Brief:

- Date | Time | Duration: 7/24/19 | 1700 | 7 hours
- Objective: Film aerial video for a music video. There are two specific shots.
- Max Altitude: 400 ft
- Operating Altitude: 50 - 250 ft
- Orbit Radius: 0.8 NM

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Shot 1:

Location: 1360 E 6th St, Los Angeles, CA 90021 DC Stages Parking Lot
Site Map & Description: We will be getting a birds eye view showing a car below with a small "explosion".
Drone Height: 100-200ft with 16mm lens

Blue Circles represent take off and landing locations.

Green dashed arrow represents the flight path of the UAS above the car that will have the small explosion that we will be capturing.

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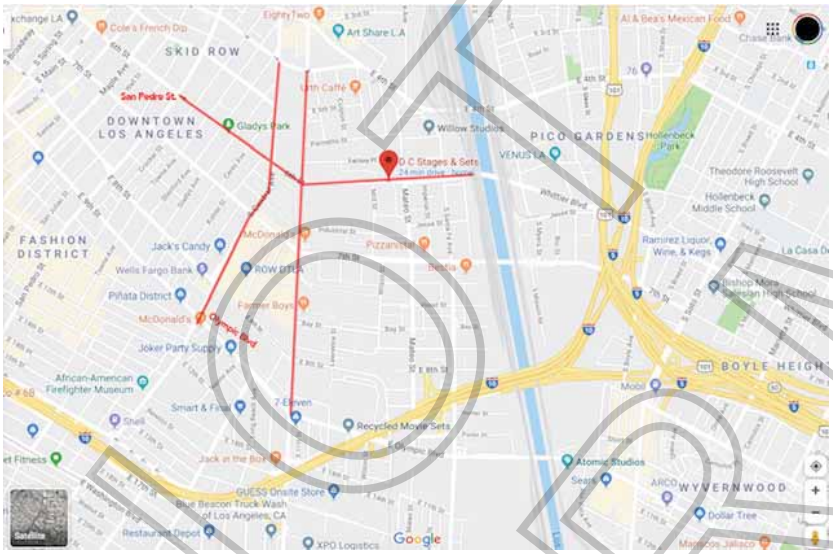
Shot 2:

Location: San Pedro St, S Alameda St, S Central Ave
Site Map & Description: We will be getting a car chase shot similar to the photo below, where the show cars will be driving on the listed roads (permitted) and the RPIC and VOs will be situated in the surrounding area within VLOS.
Drone Height: 50-200ft with 34mm, 50mm lens



Operations At Night

After civil twilight the RPIC and VOs will be operating under a Part 107.29 Daylight Operation Waiver (Waiver Number: 107W-2018-1599). This will be between 8:30pm-12am.

APPROVED

RYAN KELLER | RIVETING ENTERTAINMENT

Please see the attachment for supporting documents. The RPIC will direct the UAS team accordingly as laid out within this waiver.

NO PERMIT

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER

Issued To: Ryan Keller
Responsible Party: Ryan Keller
Waiver Number: 107W-2018-15999

Address:
11657 Chenault St Apt 303
Los Angeles, CA 90049

This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.

OPERATIONS AUTHORIZED

Night small unmanned aircraft system (sUAS) operations.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

14 CFR § 107.29—Daylight operation

STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached to and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Administrator of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
4. This certificate is nontransferable.

NOTE—This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.

SPECIAL PROVISIONS

Special Provisions Nos. 1 to 10, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from October 10, 2018, to October 31, 2022, and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

General Aviation and Commercial Division, AFS–800

RYAN KELLER | RIVETING ENTERTAINMENT

Ryan Keller
Ryan Keller
11657 Chenault Street, Apartment 303
Los Angeles, CA 90049

Waiver No. 107W-2018-15999

Dear Ryan Keller,

Attached is your Certificate of Waiver (CoW). The certificate is issued for operations specific to small unmanned aircraft system operations governed by Title 14, Code of Federal Regulations (14 CFR) part 107. Please carefully read and comply with all provisions of the attached waiver. You are only granted relief from § 107.29; please be aware of your responsibility to comply with all other sections of 14 CFR part 107.

We only evaluated your application for a waiver to § 107.29. We did not evaluate your application for compliance with any other Federal Aviation Regulation.

If you submitted an operations manual as part of your application for waiver, please note the FAA only reviewed the excerpt(s) from your manual that you cited to address the safety of your proposed operation. The FAA determined these excerpt(s), combined with other information you submitted and pursuant to your compliance with the provisions listed on the enclosed waiver, establish that you can conduct the limited operations this waiver will permit in a safe manner. The FAA's review of the excerpt(s) in the context of your specific request for a waiver does not constitute FAA approval or acceptance of the manual you provided.

Operations under this CoW must be conducted in uncontrolled airspace (Class G). If you wish to operate in controlled airspace at night, you must apply separately for a new airspace authorization or waiver in accordance with § 107.41 by visiting https://faadronezone.faa.gov/. Reference your § 107.29 waiver number in the request and indicate you would like to operate at night. To operate in controlled airspace at night, you must possess both a waiver to § 107.29 and an airspace Certificate of Authorization or Waiver that specifies night operations may be conducted in controlled airspace.

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Sincerely,
Part 107 Waiver Team
General Aviation and Commercial Division

NOT A PERMIT

SPECIAL FILMING CONDITIONS
THE ARTS DISTRICT

The Special Film Conditions described below will be included in the terms and conditions of permits issued for filming in this area and are in addition to the standard terms and conditions applicable to filming permits generally. While these Special Filming Conditions will be included as terms if a permit for filming in this are is issued, they are not intended to, and do not, establish the criteria or standards for determining whether or not a particular permit(s) will be issued for this area. The decision whether or not a particular permit(s) will be issued is vested in the discretion of the appropriate City or County department or their designees (including FilmL.A.), to be exercised consistent with public health, safety and general welfare, and applicable land-use ordinances.

This is a mixed-use area that includes manufacturing facilities, warehouses, artists/artisans and residents. These Special Conditions apply to the area roughly between 1st Street and 7th Street and between Alameda Avenue and the LA River. Within the past ten years, this area has experienced an influx of permanent residents into what was predominantly a light to heavy manufacturing zone for over 75 years.

The motion picture industry has amicably co-existed with the businesses and residents of this area for decades and desires to continue to do so. These Conditions are designed to promote cooperation between film companies, local businesses and residents so that each group can effectively utilize this diverse area. Violation of any of the conditions as outlined below may result in permit revocation or other administrative action.

- Affected residents/merchants and businesses must be notified at least two days in advance of the first day of filming or the first day of any substantial set preparation for productions that:
  - Request parking restrictions on the following public streets: Traction Avenue, East 2nd Street (except Alameda Street to Garey Street), East 3rd Street, Vignes Street, Molino Street (Palmetto Street to 4th Street only)
  - Request a street closure
  - Involve any special effects, gunfire, audible playback, helicopter activity, or other disruptive activities
  - FilmL.A. or the production company shall consult a designated community representative when an applicant requests a permit with less than two days notice under the above circumstances
- Posting on more than one side of Traction Avenue, East 2nd Street (except Alameda to Garey), East 3rd Street (except Vignes to Santa Fe), Vignes Street, Molino from 4th Street to Palmetto, Hewitt from Palmetto to 4th Street, 4t Street from Colyton to Molino requires a notification to a designated person in the building where alternate parking is not provided. Posting on both sides of the above streets is allowed without signatures on Sundays.
- When "No Parking" signs are posted on both sides of Hewitt between 4th Street and Traction Avenue, Art Share (213-687-4278) and Bedlam (213-909-1512) must be notified.
- Posting for equipment and/or picture, other than the streets listed above, will be reviewed on a street by street basis and may not exceed 450 linear feet. Additional posting may be granted if there is a majority of support from affected residents/businesses/merchants, and indicated on the permit. After filming is completed, companies are requested, as a courtesy (only LADOT is to touch the posting signs), to turn all "No Parking" signs around so that they face the opposite direction.

NOT A PERMIT

- Companies must provide adequate detour and directional signage when street closures are in place, conforming as much as possible to current LADOT standards and practices. Detour routes must accommodate large, semi and tractor trailer trucks.

- The Arts District is home to many art gallery openings and live, local theater. When the following locations are directly impacted, notification is required if in conflict with a scheduled event at the Downtown Playhouse (929 E. 2nd Street 213-626-6909) and Art Share LA (801 E. 4th Place 213-687-4278).

- Productions filming near residential buildings after midnight or before 6:00am are required to notify designated representatives of the proposed activity. Contact information for building representatives will be made available on request from the community filming liaison (Jonathan Jerald 213-814-7164).

- Crew with walkie-talkies must wear headsets when filming after 12:00 am and before 6:00 am.

- Changeable Message Signs (CMS) will be required on the day(s) of filming activity that requires a full closure on the 1st, 4th and 6th Street Bridges. CalTrans/LADOT approved notification signs are sufficient and must be in place in advance of filming activity and must include the dates and times of closures.

- Cast/Crew are not permitted to park on the area streets. Off-street parking must be provided for personal vehicles.

- Generators are to be placed as far away from residential buildings as possible. Placement will be considered on a case-by-case basis.

- Production companies are required to completely remove all trash, food, cardboard boxes, etc. from the general vicinity at the end of each filming day. Production companies will be held responsible for the actions of the catering companies they employ to provide food for the cast and crew.

- Food should not be given directly to the homeless persons in the area. Production companies wishing to help the homeless should do so though one of the service providers in the downtown area.

- FilmL.A will monitor frequency and look for ways to mitigate the impacts of filming prior to placing a location off limits.

- Unless a signature survey is completed, the west side of Mateo Street between 4th Place and Palmetto Street must be kept clear of equipment, vehicles, condors and lights. This area, however, may be used for camera placement between the hours of 7:00 am and 10:00 pm only.

- When filming take place after 10:00 pm or before 7:00 am, generators are to be placed as far as possible away from residential buildings and lights are to be screened to avoid disturbing nearby residents.

- The Molino Loft buildings (500 and 530 Molino Street) and Marc Free should be notified (310-871-2652) for filming activity or parking restrictions along 4th Place between Molino and Mateo [the curve].

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- Due to the mixed use nature of the neighborhood, productions wishing to utilize space along the west side of Santa Fe Ave. between 2nd and 3rd Streets and the north side of 3rd Street from Santa Fe Avenue to west 100 feet must obtain a signature from Valerie Mitchell or designated representative (213-687-3987).

- Frequent filming in the area of Vignes and 2nd Streets along with the high demand for parking in the area requires that posted "No Parking" on Vignes Street between 1st Street and 2nd Street shall be limited to no more than 200 feet, unless alternate parking or notification are provided to a designated representative from the building.

- The area near 3rd and Traction Avenue is home to many small businesses that have greatly helped to develop the area. In order to be sensitive to these businesses it is necessary for production companies to obtain signatures from the following businesses when there are filming activities or parking on the 700 block of 3rd Street between Traction Avenue and Hewitt Street: Zip Fusion- Jason Ha (744 E. 3rd Street, 213-680-3770); Lakich Studio-Lily Lakich (704 Traction Avenue, 213-620-8641); Ay Carrumba (714 Traction Avenue, 213-620-0274); Wurstkuche Sausage Grill- Joseph Petruzulli (800 E 3rd St, 213-667-4444); Blue Dahlia (738 E 3rd St, 213 613-0621)

- Outdoor food preparation using charcoal or gas grills must be at least 100 feet away from any residential building.

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SPECIAL CONDITIONS FOR LOCATION FILMING IN DOWNTOWN LOS ANGELES
(Standard Filming Requirements continue to apply where not superseded below)

1. DEFINITION OF TERMS

a. Downtown Los Angeles, for the purposes of these conditions, shall be defined as the area North to South from the 101 Freeway to the 10 Freeway; East to West from the Los Angeles River to the 110 Freeway.

b. The Downtown Los Angeles Neighborhood Council boundaries (**DLANC boundaries**), for the purpose of these conditions, shall be defined as bordered on the North and East at the 101 Freeway from the 110 Freeway east to Los Angeles Street, south to 4th Street, east to Alameda Street, south to 7th Street, east to the Los Angeles River; on the South by the 10 Freeway from the 110 Freeway to the Los Angeles River; on the West by 110 Freeway from the 10 Freeway to the 101 Freeway. (This area is the same area as defined above as Downtown Los Angeles, but excludes the Little Tokyo and Arts District neighborhoods.)

c. Residential buildings shall be defined as any building with legal residential occupants (mixed-use, adaptive reuse, artist-in-residence (A.I.R.), SROs, residential hotels, condominiums and apartment buildings). DLANC will maintain an accurate and contemporary listing of all residential buildings showing a 100-foot radius from each building so as to identify any areas both inside and outside of that radius.

d. The Broadway Entertainment District (aka Broadway Theatre District), for the purposes of these Conditions, shall be defined north to south as Broadway from 3rd Street to Olympic Boulevard, and east to west from Frank Court to Lindley Place (aka St. Vincent Alley Court), or the equivalent mid-block point to either of these alleys where the alley is not present, including any theater loading facilities, defined as any public or private surface parking lot, parking garage, public street or curb area adjacent to, or utilized by, a theater. If, in the future, the City adopts an ordinance with regulations governing filming in this area, such regulations shall supersede these Filming Conditions.

e. The Old Bank District residential overlay, for the purposes of these Conditions, shall be defined as the area bound by South Spring St., West 5th St., West 4th St., and Werdin Pl.

2. FILMING STANDARD HOURS AND DAYS

a. Filming activity, or any production-related activity including but not limited to activities such as base camps, catering, generators, etc., within the **DLANC boundaries** is restricted to the hours of 6:00 a.m. to 11:00 p.m. within a 100-foot radius of any residential building. Filming activity in the **Broadway Entertainment District** is restricted to the hours of 6:00 a.m. to Midnight within a 50-foot radius of any residential building. **Old Bank District** is restricted to the hours of 7:00 a.m. to 10:00 p.m. within a 100-foot radius of any residential building**.** No extension of the standard filming hours for

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filming or any disruptive production-related activity shall be allowed until a signature survey has been properly submitted. Proof of signature surveys shall be made available to DLANC upon request.

b. No film permits may be issued along Main and Spring Streets from 2nd to 9th Streets, or on any block of 2nd through 9th Streets between Los Angeles and Spring during the Downtown Art Walk, currently held on the second Thursday of each month. Filming inside of private buildings or entirely on private property during this time is permitted so long as there are no external impacts.

c. No filming may be conducted in close proximity to major public events anywhere in Downtown Los Angeles as permitted by the LAPD, or identified with 30 days notice to the City's Designated Film Permit Contractor by DLANC. Film permits may be considered in light of major public events on a case-by-case basis so long as their issuance will not cause further disruption to Downtown businesses and residents during such events.

3. RESIDENTIAL AND MERCHANT PROTECTIONS IN THE DLANC BOUNDARIES

a. A film permit may include no more than 300 feet of curb lane per city block for the parking of film production vehicles, crew or equipment. Requests for additional amounts of curb lane shall require a signature survey. The **Broadway Entertainment District** is exempt from this restriction.

b. Production personnel (and equipment utilized by the production company) shall not block the sidewalk area in front of an open commercial business or a residential building, including residential patios, windows, doorways, or entryways, unless the production company has secured the permission of the merchant and/or property owner. Where the commercial business is one that is primarily open in the evening and nighttime hours, the production company, their cast and crew may not block the access to and signage of such establishment (as seen from the street), without permission of the merchant and/or property owner during the hours of operation of the business.

c. Customers, employees, residents, and guests of affected properties shall be allowed free ingress/egress to all buildings, merchants, and parking facilities. Arrangements shall be made to ensure access to deliveries, trash pickup, residential move-in/move-out, and vendor access to the properties/merchants during productions.

d. All commercial businesses must prominently post hours of operation and contact phone numbers, and residential buildings must have a designated contact person authorized to give permission. Special events held by commercial businesses, outside of normal business hours, must also be posted in advance, and production companies must provide full access and visibility during such events.

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4. NOISE, FUMES, AND LIGHTING WITHIN THE DLANC BOUNDARIES

a. Generators, portable toilets or toilet vehicles, and outdoor food preparation using charcoal or gas grills must be a minimum of 50 feet (horizontally) from any residential window or entrance. If it is physically impossible for a generator to be a minimum of 50 feet from residential windows or entrances, the generator shall be placed as far away as possible and vented away from residential windows and entrances. However, under no circumstances shall a generator be placed directly underneath a residential window.

b. Film productions must focus lighting on the filming area only and make every effort to shield the lighting from adjacent properties, pedestrians, and patrons of commercial businesses at all times. Exceptional lighting (e.g., Musco and Bebee lighting) outside of regular filming hours shall not be allowed without a signature survey of the affected merchants and/or property owners. **Signature survey shall be required for Exceptional lighting within the Old Bank District between the hours of 6:00 p.m. and 6:00 a.m.** Under no circumstances shall lighting be directed onto oncoming traffic.

c. Film production companies are required to completely remove all trash, food, and cardboard boxes, etc. from the general vicinity at the end of each filming day. Film production companies will be held responsible for the actions of catering companies they employ to provide food for the cast and crew.

5. SPECIAL REQUESTS AND EXCEPTIONS REVIEW AND NOTIFICATION WITHIN THE DLANC BOUNDARIES

a. Helicopters shall not be granted permits for landing at non-certified helipads before and after approved filming hours. All aerial filming productions must provide upon request a copy of an approved FAA Form 7711-2, or other official waiver, along with a copy of the briefing on the flight operations for all participating persons or property.

b. No film permit shall be construed as a waiver of 14 CFR § 91.119, 14 CFR § 91.515(a) or 14 CFR § 91.303(e), dictating federal flight altitude regulations, for purposes of non-participating persons or property (see attachment).

c. Notification beyond the standard 500-foot radius will be made to affected residents and merchants for high impact activity that is likely to cause interference with adjacent properties of people such as car chases, simulated gun fire, explosions, screams for help and other loud noises, helicopter activity, road closures or other such exceptional activities that might cause a police response to the filming location. High impact filming activity must be preceded by notifications at least two days in advance. The City's Designated Film Permit Contractor or the production company shall consult a designated DLANC representative when an applicant requests a permit for high impact filming activity with less than two days notice.

d. Due to the location of building air intake systems on Lower Grand Avenue, no special effects, including smoke, steam or fog, may occur in that area without first obtaining

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clearance from the appropriate building contacts and maintenance engineers. Contact must be made at least 48 hours prior to the proposed effect(s).

6. FILMING-RELATED CONGESTION WITHIN THE DLANC BOUNDARIES

a. The City's Designated Film Permit Contractor will ensure that the impact from filming at recurrently used locations is minimized to the affected residents and businesses.

b. In rush hour restricted lanes, as designated by LADOT, no Intermittent Traffic Control (ITC) shall be permitted during Rush Hours (7:00 a.m. – 9:00 a.m. and 4:00 p.m. – 7:00 p.m., Monday through Friday). No simultaneous closures or ITC of both the Second and Third Street Tunnels will be permitted.

c. Production companies shall request the posting of "no parking" signs, lane or street closures with LADOT for the day(s) that they are "on site" only. When closures are not necessary for the day(s) requested, production companies shall report the changes to the City's Designated Film Permit Contractor, who shall notify LADOT, who must revise and/or remove parking signs, as necessary.

d. Production companies must provide adequate detour and directional signage when street closures are in place, conforming to current LADOT standards and practices. Detour routes must accommodate large, semi and tractor trailer trucks and public transit vehicles.

7. ENFORCEMENT OF CONDITIONS

a. In accordance with the terms of their work permit issued from LAPD, off-duty or retired police officers must, upon reporting to a work site, review and ensure compliance with conditions outlined on the filming permit. Officers shall ensure compliance with arrival and departure time, and shall not allow any activity or conduct that is in violation of local or state law, nor allow any filming condition that is not authorized by the permit. Variations from the requirements of the permit are not allowed unless approved by an authorized representative of the City's Designated Film Permit Contractor.

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